

UMASS/AMHERST



312066005304618



DATE DUE

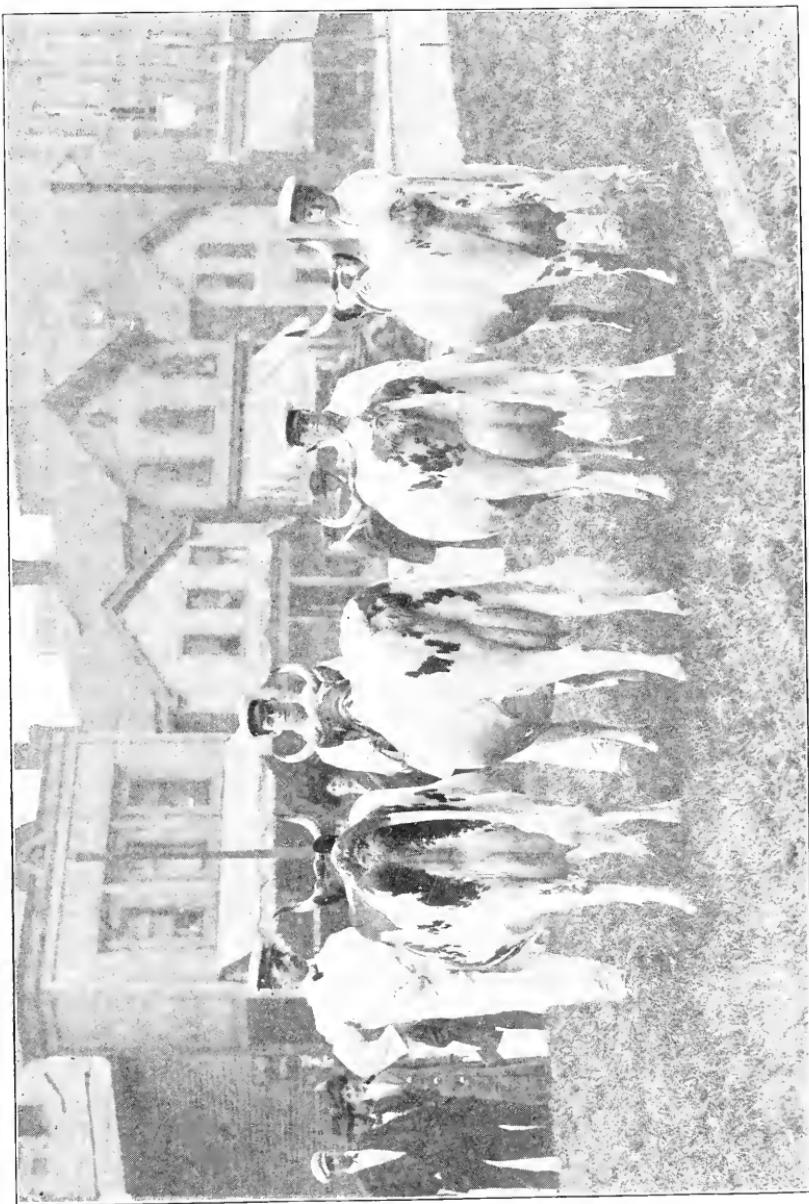
UNIVERSITY OF MASSACHUSETTS  
LIBRARY

SF  
191  
A98  
A7  
1912





Digitized by the Internet Archive  
in 2010 with funding from  
Boston Library Consortium Member Libraries



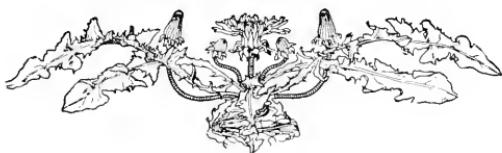
National Dairy Show, 1911  
CHAMPION AYRSHERE HERD  
Owned by P. Ryan, Brewster, N. Y.

# AYRSHIRE YEAR BOOK

Nineteen Hundred and Twelve

---

---



---

---

DEVOTED TO THE PUBLICITY  
OF THE AYRSHIRE COW

BURLINGTON:  
FREE PRESS PRINTING Co.,  
1912.

1-16  
25-  
1953  
ANIMAL  
HUSBANDRY

LIBRARY  
UNIVERSITY OF  
MASSACHUSETTS  
AMHERST

## OFFICERS OF THE ASSOCIATION

### *President.*

John R. Valentine..... Bryn Mawr, Pa.

### *Vice-Presidents.*

J. A. Ness..... Auburn, Maine.

George E. Pike..... Gouverneur, N. Y.

J. W. Ogden..... Morristown, N. J.

J. W. Clise..... Redmond, Wash.

### *Secretary-Treasurer.*

C. M. Winslow..... Brandon, Vt.

### *Auditor.*

George H. Yeaton..... Dover, N. H.

### *Executive Committee for Three Years.*

W. P. Schanck..... Avon, N. Y.

E. J. Fletcher..... Greenfield, N. H.

### *Executive Committee for Two Years.*

Charles H. Hayes..... Portsmouth, N. H.

Henry Fielden..... Groton, Conn.

### *Executive Committee for One Year.*

Geo. R. Wales..... North Beverly, Mass.

J. F. Butterfield..... Riverside, Calif.



# AYRSHIRE CATTLE

C. M. WINSLOW.

Success in transplanting any breed of domestic animals depends largely on whether the country from which they are removed is by nature calculated to fit them for the change, or whether they have to pass through long stages of acclimating to become adapted to the conditions of their new home.

Natural laws governing the survival of the fittest will in time adapt any animals to their surroundings, but in order to become thus adapted, they often change so materially that the original qualities that attracted attention to them are almost entirely lost sight of, and out of the old comes a new and different animal.

It is always wise for a person to carefully examine the natural surroundings of any proposed change in the home of animals, to see if the change may not be too radical for a profitable venture.

Unless the natural food supply of the new home is as good or better than that of the old there is a liability of loss and disappointment, at least for a time until they can accommodate themselves to the new surroundings. The mention of the name of Scotland always suggests to the mind a country of rugged exterior, of fierce winds and terrific storms; the name of Scotchman, sterling grit and hardy constitution, so when we mention the Ayrshire cow, the suggestion is of an animal fitted for a life of daily battle for sustenance, against all the opposing elements of nature.

The County of Ayr, in which the Ayrshire breed of cattle originated, is situated in the southwest of Scotland, backed by mountains on the east and washed by the ocean on the west, having the form of a crescent and embracing the Firth of Clyde in its circle. The face of the country is hilly, and rises from the level of the sea some 2,000 feet to the top of the mountains on the

east. The soil is strong and somewhat heavy, being a clay and clay-loam, but thinner on the tops of the hills and mountains, the whole being originally covered with a dense growth of timber. The climate is moist, with a temperature ranging from about twenty-five to sixty-five degrees, with a mean temperature of about forty-seven degrees, regulated by its proximity to the sea, and with frequent rains, which are favorable to growth of grass, giving luxuriant pasturage, the country is often swept by fierce coast storms.

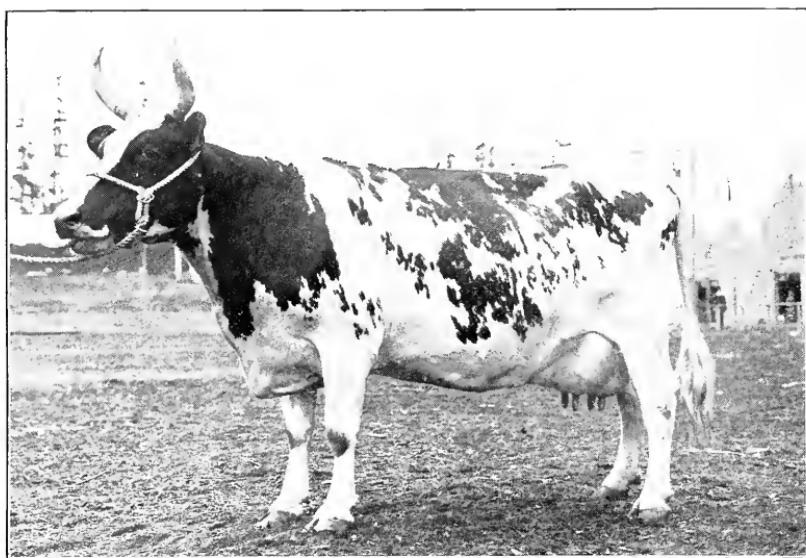
The first we hear of any effort being made to improve the native stock of Scotland was about the year 1700, and this was said to have been accomplished by selection and better care.

We read from Aiton that about 1750 the Earl of Marchmont purchased from the Bishop of Durham, and carried to his seat in Berwickshire, several cows and a bull of the Teeswater or other English breed, of a brown and white color. He also writes that about 1770, bulls and cows of the Teeswater or Shorthorn breed were said to have been introduced by several proprietors, and it is from them and their crosses with the native stock that the present dairy breed has been formed.

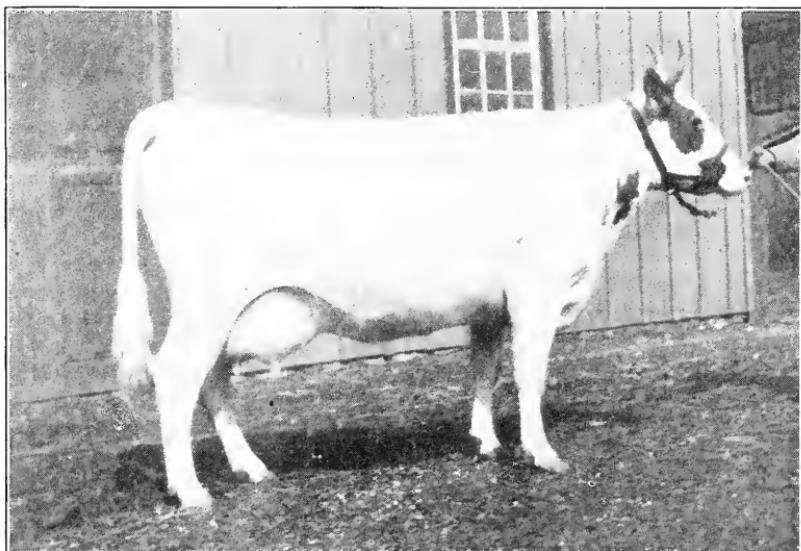
In 1811, in "Survey of Ayrshire," Aiton writes that the Ayrshire dairy breed is "in a great measure the native indigenous breed of the County of Ayr, improved in their size, shapes and qualities, chiefly by judicious selection, cross coupling, feeding and treatment for a long series of time and with much judgment and attention."

From about the beginning of the last century we find frequent mention of efforts for improvement in the shape of body, and especially in the shape of the udder.

Ayrshires were very early brought into Canada by the Scotch settlers, also for use on the ships from Glasgow to supply milk during the voyage, and were sold on arrival at Montreal or Quebec, and so popular were these cows that shipmasters were often commissioned to bring over one or more from Ayrshire. More recently Ayrshires have been imported into Canada in large numbers. The importation to the United States began about



HEATHFLOWER OF BARCHESKIE  
Owned by J. W. Clise, Redmond, Wash.



BARGENOCH HOPE  
Owned by John R. Valentine, Bryn Mawr, Pa.

1837, by the Massachusetts Society for Promotion of Agriculture bringing a few head into the state and scattering them among the farmers of Massachusetts. Other importations from Scotland followed at intervals into different parts of the United States, as the value of this breed for dairy purposes was made evident, and as the demand became greater than the home breeders could supply.

Within the last few years the importations of Ayrshire cattle from Scotland into the United States have as a rule been of a very high class of dairy animals, and have done much to add to the value of the breed in this country.

There has been more attention paid to the development of the dairy side of the Ayrshire cow in Scotland, which taken in connection with their organizing societies for official testing, has had wonderful influence on the breed, and made it easier for our importers to find such cows as are needed by the Ayrshire breeders on this side to infuse new blood into the herds already formed and to start new herds of the type which the popular taste of today demands.

It is only the best and typical cows of the breed that find favor and are sought after by our best breeders in the States, and the bringing over of this kind is an acquisition we are all glad to welcome.

#### UNIFORMITY IN SCALE OF POINTS.

In 1906 the three Ayrshire Breeders' Associations adopted a uniform Scale of Points for Scotland, Canada and the United States, which has done much to establish a uniform type in breeding.

What is very gratifying is that all three of the scales call for a marked type of dairy utility.

In all three of the countries this has been followed up by the establishment of the advanced registry system and pushing the breeders to greater effort in breeding for the utility side of the Ayrshire cow.

## DESCRIPTION.

The developed Ayrshire cow of today in general is the handsomest and best formed animal of any of the dairy breeds, a sprightly looking cow weighing about one thousand pounds at maturity. She has a small, bony head, large, full eyes, dish face, broad muzzle, large mouth, large nostrils, strong jaws wide at the base, upright horns, long, slim neck, clean cut at throat; thin, sloping shoulders, with the spine rising a little above the shoulder blades, back level to setting on of tail, except a rise at the pelvic arch, broad across the loin, barrel deep and large, with ribs well sprung to give abundant room for storing coarse fodder, and wide through the region of the heart and lungs; hips wide apart, rump long, hind legs straight, thighs thin and incurving, giving room for udder, legs short, bones small, joints firm; udder large and square, on young cows and nearly level with belly, wide, long and strongly hung, teats from two and a half to three and a half inches long, of good size and uniform length, hanging perpendicular and not tapering, placed wide apart on the four corners of the udder, with udder level between the teats and not cut up, milk veins large and tortuous, entering the belly well forward towards the forelegs; skin soft and mellow, covered with a thick growth of fine hair.

Color dark brown and white, or red (which in Scotland is called brown) and white, the relative proportion of the red to the white being variable, sometimes being nearly all red, and sometimes nearly all white. The dark color is sometimes found almost a black, and frequently a chocolate color, especially on the bulls. The white is usually a clear white unmixed with any other color, showing a line of distinct marking between the red and white. Brindle markings are not desirable. The relative amount of red and white is easily controlled, especially in obtaining white, for as before stated the Ayrshire seems to revert to the original white color.

Different countries and different sections prefer different color. United States and Canada of late prefer more white than

red, Scotland is not particular, while Finland and South Africa prefer more red than white.

While the Ayrshire cow should be shapely and handsome to look at as she stands or walks, she should when handled reveal much looseness of vertebra, flatness of rib, and width between the ribs indicating large dairy capacity. The Ayrshire is a tough, hardy cow, with a vigorous appetite, and not too particular what she eats. She is always hungry, eats greedily and chews her cud rapidly. You can rarely see an Ayrshire cow when not either taking in food or chewing what she has already gathered. While at pasture she does not wander around looking for sweet patches of grass, but goes to work rapidly gathering what is most convenient, either of grass or browse, and when full lies down to chew her cud with no time wasted; and when going to and from pasture will chew her cud while walking, and often continues to chew when started into a run.

Her whole being seems bent on getting as full a supply of food as possible, and then getting as much as possible out of it to fill her udder. There is probably no breed of cows that will keep so easily on whatever is most convenient to feed them, and return so much at the pail, and with so little cost as the Ayrshire. She is in the dairy what might be called a rustler.

The general appearance of an Ayrshire, as you look at her, is striking, being alert and full of life and reserved energy. She is a healthy cow, rarely having ailments of body or udder, and you seldom see an Ayrshire cow that has not four healthy quarters in her udder and gives a uniform quantity of milk from each. She is a very persistent milker, giving a uniform quantity well up towards calving, and many of them are dried off with difficulty.

She is very intelligent, quick to learn and of a retentive memory, easily taught to take the same place in the stable and, if required to change, will in a few days readily take the new place. She is quiet and pleasant to milk, not easily disturbed, and will as a rule yield her milk as readily to one milker as to another, and does not seem disturbed by any amount of noise in the stable.

## MILK.

While the Ayrshire can fill any place in the dairy with credit to herself and profit to her owner, she is eminently the milkman's cow, and in this capacity has no rival, as her medium size, vigorous appetite and easy keeping qualities make her an economical producer, while her even, uniform production makes her a reliable supply, and the richness of her milk in total solids places it above suspicion from city milk inspectors. Her milk is particularly adapted to transportation, as it does not churn or sour easily, and when poured back and forth a few times will readily mix the cream back into the milk, which will not again readily separate, giving it a uniform quality until the last is sold or used. It has a good body, is rich looking and never looks blue. The milk itself being evenly balanced with casein and butter fat is a complete food, easily digested, nutritious, and is particularly adapted to children and invalids. *Stomachs that are weak and unable to digest other milk, find no trouble with Ayrshire milk.*

It is a well-known fact that the oil in milk is the least valuable as a food, and that milk that has a superabundance of oil is more indigestible than a milk that has a full supply of bone and muscle forming properties, and causes serious disorders in the digestive organs of young children.

There is also a difference in the friability of the curds, that of the Ayrshire being easily disintegrated, while that of the many butter breeds is tough and leathery.

I have frequently had letters from Jersey breeders wishing to buy Ayrshire cows to raise their Jersey calves on Ayrshire milk on account of its great digestibility.

This is not wholly due to the extra richness of the Jersey milk in butter fat, but is partly due to that cause, and partly to the above difference in the quality of the curds.

Another valuable quality in the Ayrshire cow as a milk producer is her rugged health and freedom from disease of body or udder.

It is a very rare thing to find an Ayrshire cow that has tuberculosis or any disease of the udder.

To produce good wholesome milk it is important to have a sound, healthy body, free from all disease, and this the Ayrshire gets from her strong constitution and vigorous appetite, giving her a healthy body, with which to manufacture wholesome milk.

#### CREAM.

Her milk is admirably adapted to the manufacture of sweet cream for table use, making a smooth cream that keeps well and is most delightful as a table cream, the globules being smaller, making it more easily digested and assimilated.

Ayrshire cream is particularly adapted to the manufacture of a high grade of ice cream, the claim being made by manufacturers that a quart of Ayrshire cream makes more in freezing than any other cream.

#### BUTTER.

The Ayrshire cow, being so admirably adapted by nature to supply milk and cream for the table, has almost always found her place in the supply stable near cities and towns, where high grade digestible milk is wanted.

Until the advent of the separator, there was a valid objection to the Ayrshire, on account of the very point that makes her so valuable as a milk producer.

The butter globules being small, the cream rises slowly and gives an imperfect separation, taking a long time for the process, so that while the Jersey cream will about all rise in twelve to twenty-four hours, it takes from thirty-six to forty-eight hours for the Ayrshire cream to rise; and the Ayrshire gives such a large quantity of milk that it makes it cumbersome to handle so much milk for so long a time.

Since the separator came into general use all this difficulty is done away with, for the separator extracts the cream from Ayrshire milk as quickly and as fully as from the Jersey, and it churns as readily.

It is a fact, however, that in summer the Ayrshire butter will not stand up as firmly as will the Jersey, on account of the stearine or tallow that composes the butter fat of the Jersey.



BRANFORD FARMS AYRSHIRES  
Owned by Branford Farms, Groton, Conn.

Many people who have tried the Ayrshire butter prefer it to any other on account of its fine flavor and the ease with which it spreads, especially in winter. It is only within a very few years that the Ayrshire has been tried for her ability to make butter, and in this short time she has proved that she is no mean cow as a butter producer, and that if any systematic effort had ever been made to develop her butter quality she would stand second to none as a butter cow.

The butter records, further along in this article, show what she has done in a haphazard way of selecting cows for testing.

#### LONGEVITY.

Another unusual quality of the Ayrshire, among the dairy breeds, is her staying quality, in keeping up her milking tendency until long past the common age of milking.

It is not an uncommon thing to find an Ayrshire doing her full work at from twelve to fifteen years of age, with a young looking mouth at sixteen to seventeen, and a perfect udder in health and strength long after the age which has ended the usefulness of other cows.

One thing that speaks well for the breed, is that almost always a man who has owned an Ayrshire is her friend and speaks well of her ever thereafter.

It is only recently that any effort has been made to gather official records of the dairy yield of Ayrshire cows.

These tests, made through the different Experiment Stations of the country, show her to be a milk and butter producer above the average of the dairy breeds.

#### BEEF.

The ease and quickness of the Ayrshire cow to fatten when dry make her a profitable cow to turn into beef when her days of usefulness are over as a dairy cow. Her meat is red, her tallow white, her hams large, her loins thick, her meat well flecked, her bones small, all of which make her most desirable for the butcher.

## TOP CROSS.

As a top cross on other breeds the Ayrshire is a success in producing a more desirable dairy cow. With the Shorthorn they nick nicely, producing a fairly good dairy cow, in size between the two, and a handsome, attractive cow that sells well in the markets.

With the Jersey they seem to make up what is lacking in the Jersey, and give a good, all-round dairy cow, larger and hardier than the pure-bred Jersey, giving more milk and of nearly as rich quality, and are said to be more profitable in the dairy than the pure-bred Jersey. Ayrshire bulls have for several years been eagerly sought for to cross on unregistered or high-grade Jerseys in the common dairy.

It is a noticeable fact that where Ayrshire bulls have been continuously used on common cows and heifers raised for the dairy, the average receipts in dollars from such a herd have been considerably in excess of common dairies, so much so that in dairy sections where the milk or cream goes to the butter factory, there is an active demand for pure-bred Ayrshire bulls to cross on native herds of cows.

## OFFICIAL TESTS.

The steadily growing popularity of the Ayrshire cow with the dairyman who is looking for the highest profit to be obtained from his herd, and the gentleman farmer, who wishes to combine fancy farming with a dairy herd that will help pay the fancy expenses of the farm, places the Ayrshire in a most enviable position among the dairy breeds, and makes her an all-round, popular business cow, and of most beautiful and attractive appearance.

There has heretofore been a lack of concentrated effort in bringing out the merits of the Ayrshire cow but of late years a number of men of means have become attracted to her on account of her beauty of form and hardy constitution; and the response she has made to good care and proper feeding is simply wonderful. The records speak for themselves. Her development is only in its infancy.

Of late years the Scotch have instituted a form of test for two days, called the Derby, testing the cow in the ring as a show cow, and again at home as a dairy cow, combining the two in making the final award.

They have also established the Milk Records Society of Ayr, which is doing much to bring out the dairy ability of their cows, the same as our advanced registry system is doing for the Ayrshire in this country.

In Canada the Canadian government has recently instituted periodical tests of different dairy breeds under the specific direction of each breed through its Association, the expense of which is paid for by the Canadian government.

Under this management the Canadian Ayrshire Association have recently formulated rules and regulations for governing a series of yearly tests for Ayrshire cows to admit them to advanced registry. This will gradually bring to the front the best specimens of the breed for dairy production, and will give an opportunity for progressive breeds to bring into their lines of breeding an advancement of dairy production.

In the United States there have been a few breeders who for a good many years kept private records of the amount of milk given by the individual cows in their herds, but until the advent of the Babcock tester there was no uniform method by which the breeder could know the quality of the milk, consequently only one side of the yield from his cows was known. Since the Experiment Stations throughout the United States have, in their experimental work, turned their attention to the skillful handling of the milk, the Ayrshire Breeders' Association have established a system of Advanced Registry Tests for the breed, carefully guarded at home against mistakes, and periodically inspected by the Experiment Station where the herd is located.

It is the belief of the Ayrshire Breeders' Association that while daily, weekly and monthly tests are interesting, in a way, they are misleading as to the real value of a cow, and the desire of the Association is to produce and make public the real profit derived from the cow in her normal condition, doing her regular

dairy work of a breeding and dairy cow. A cow must be kept the whole year at an expense, and whether or not she is a paying investment depends upon the receipts from her for the full time she is kept. She might be forced to a phenomenal yield for a week or a month, which if taken as the guide for the whole year would make her a very profitable cow, when, in reality, the short yields were no guide at all for the whole time, and no index as to the dairy profit received from the cow.

The Ayrshire Breeders' Association has always been the leader in all advance movements in bringing the Ayrshire cow to the front in anything that would recommend her to the public.

The Ayrshire Breeders' Association established the first Herd Book for the breed, instituted the first official testing for the breed, and was the first Record Association in America to endeavor to raise the standard of their breed by discriminating against the registration of bulls from ancestry without official records.

We hold the unbeaten official record for the highest milk and butter record for any Ayrshire cow in the world.

When the Association started the official testing, the 10,000 lb. Ayrshire cow was the phenomenal cow, but today a 10,000 lb. record attracts no attention because we have gone so far ahead of this record, and have produced a cow with an official record of over 18,000 lbs., and the 20,000 lb. record is clearly in sight.

Better breeding, better feeding and better care are developing the Ayrshire cow in her dairy points, and the Association by their watchful care aided by the Experiment Stations are giving to the public numerous illustrations of what lies hidden in the breed.

If the few years of official testing have brought out such marked results from herds where no one knew what kind of cows composed the herd, what will be the result when the majority of Ayrshire breeders know to a certainty what is the individual merit of every cow in the herd, and begin to breed intelligently and for a definite purpose?

The show ring being the medium of presenting the breed to the public for observation, has always attracted the attention of the general public, for the efforts of breeders and the scale of points all coincide in producing a very handsome and attractive cow, one that at a glance shows indication of great dairy ability, and also is a beautiful cow to look at.

To have the highest type of perfection in outward form, and the highest yield at the pail, calls into requisition the highest skill of the breeder. The two should go together, and be united in one animal, for all the points that go to make a perfect dairy cow as judged by scoring should be the points that bring out the highest productiveness at the pail.

The small, lean, bony head, with a bright and lively eye, strong jaw, and broad muzzle are perfection in scoring, and just what is needed to excel at the pail.

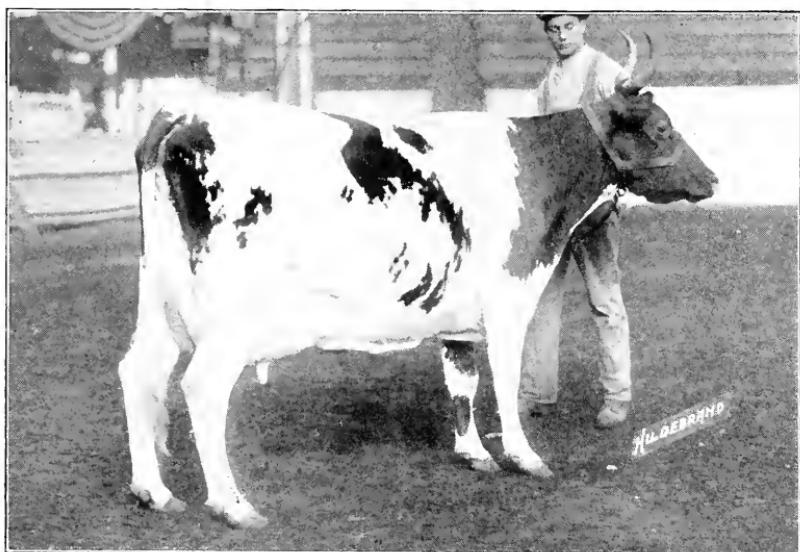
The well sprung rib, the large paunch, are both perfection in points, and what is needed to fill the pail.

The large udder capacity, the well spread teats, the four perfect quarters are what the points call perfection, and indicate the largest ability for production.

The happy blend as you might call it of uniting the high type of the breed in conformation, with the high production as shown in the advanced registry testing, was made strikingly manifest at the National Dairy Show last fall when a long row of Ayrshire cows were led into the ring and lined up for receiving the ribbons.

The straight bodies, the large udders, the long teats placed wide apart, the strong indication of great milking capacity that was so apparent filled the spectators with admiration for the breed and made many friends for the "Perfect Cow." It is for breeders of Ayrshires now to watch these points carefully in mating animals. It has already been proven that beauty of form and great milk capacity can be produced by careful breeding.

It has also been proven that the Ayrshire cow will respond to whatever treatment is bestowed upon her and will yield a dairy product just in proportion to her supply of raw material.



OLDHALL LADYSMITH 4TH, 24669

Winner of \$500.00 Valentine Trophy for the Champion Cow of any of the Dairy Breeds, at the National Dairy Show, 1911.



GARLAFF AGNES

Owned by J. W. Ogden, Morristown, N. J.

In testing we have found many cows kept in normal condition that qualified with a creditable record for the food and care bestowed upon them, and too we have found the same cows when fed and cared for in a better manner, gave a correspondingly better record, and when fed and cared for systematically, and to obtain a high yield, they responded to the fullest extent, showing that there was a constitutional capacity in the Ayrshire cow that made it possible to drive her as fast and as far as desired, without reaching the danger point.

Not all the breeders can afford to make a display of their herd at the fairs, but all owners of Ayrshires should take advantage of the opportunity of testing their cows, and learning which are the best in the herd and no breeder can afford not to find out the individuality of the cows standing in his stable.

The demand today is for record cows, and the inquiry for bulls calls for bulls from advanced registry cows.

The public has been, and is being more and more educated to a higher standard of excellence in breeding stock.

The day has gone by when all that was demanded was a registry certificate. The breeder today wants to know what the individual qualities are as well as what is back of his breeding stock.

The demand today is for the highest type of perfection, not only in the production of dairy product, but also in conformation as laid down in the scale of points.

To breed perfection in form and dairy ability, calls for the highest type of a breeder, not a haphazard breeder, not a one-sided breeder, not a careless breeder, but a natural born breeder, a man who can see in his mind's eye the future offspring, the result of his coupling.

A man cannot breed understandingly unless he knows all about the animals that are back of his breeding stock on both sides.

Too many men send away for a bull to head their herd, leaving it to the seller to make the selection, and too often the buyer gives the seller no intimation of the needs of his herd.

The bull is half the herd, and it is very important to obtain such a bull as will overcome and remedy the defects in the cows of his herd, and whose calves will in the majority be an improvement on the dams.

There is no cow or herd of cows that is absolutely perfect in either conformation, dairy production or disposition, and usually the same defect runs through the majority of the herd, especially in the herd of an old breeder.

A breeder wishing to improve his herd, and seeing accounts of wonderful production in some herd or herds writes for a bull and buys one on the dairy record of the dam, without knowing more of his ancestry than the fact of high dairy production.

This bull might be the worst bull possible to place at the head of his herd, because it might be that the cows in both herds had the same defects and he only intensified the defects of his own herd, while another bull from another herd would have balanced up his herd in curing their defects. Too many of our unshapely cows come from just this method of careless breeding, the mating of the same defects found in the breeding of both bull and cows.

This same bull might have gone into some other herd and done good work because the cows did not have the same defects that were in him. The highest perfection cannot be obtained by any breeder until he exercises the utmost care in the choice of a bull to head his herd. The right bull will do wonders in improving a herd, and the wrong bull will almost ruin a herd.

#### AVERAGE YIELD FOR MILK AND BUTTER.

The average of over 600 cows and heifers that have qualified for advanced registry is as follows:

|     |                        | Lbs.<br>Milk. | Lbs.<br>Fat. | Lbs.<br>Butter. | % Fat. |
|-----|------------------------|---------------|--------------|-----------------|--------|
| 194 | Two year olds .....    | 7,695         | 307.56       | 360             | 4.07   |
| 102 | Three year olds .....  | 8,774         | 347.77       | 404             | 3.97   |
| 77  | Four year olds .....   | 9,462         | 369.17       | 431             | 3.98   |
| 238 | Mature cows .....      | 10,248        | 395.39       | 462             | 3.94   |
| 611 | Cows and heifers ..... | 9,081         | 356.25       | 416             | 4.     |

The following are some of the best of the official records in each class:

MATURE FORM.

|                                  | Lbs.<br>Milk. | Lbs.<br>Fat. | Lbs.<br>Butter. | % Fat. |
|----------------------------------|---------------|--------------|-----------------|--------|
| Netherhall Brownie 9th.....      | 18,110        | 820.91       | 958             | 4.69   |
| Rena Ross .....                  | 15,072        | 643.71       | 751             | 4.26   |
| Midget of Sand Hill.....         | 14,433        | 521.86       | 609             | 3.62   |
| White Floss of Kelso .....       | 13,956        | 518.71       | 605             | 3.74   |
| Auchenbrain White Beauty 2d..... | 13,789        | 564.39       | 658             | 4.18   |
| Queen Ester .....                | 13,681        | 448.21       | 523             | 3.28   |
| Fern Ayer .....                  | 13,601        | 519.64       | 606             | 3.80   |
| Berwine .....                    | 13,261        | 449.66       | 515             | 3.46   |
| Netherhall Brownie 13th .....    | 13,217        | 503.45       | 587             | 3.81   |
| Auchenbrack Sweet Pea 2d.....    | 13,097        | 532.87       | 622             | 4.18   |
| Leah's Fairy .....               | 13,032        | 437.79       | 511             | 3.39   |
| Netherhall Brownie 13th .....    | 13,031        | 490.22       | 572             | 3.84   |
| Garclaugh Bloomer 2d .....       | 12,969        | 491.38       | 573             | 3.83   |
| Polly Puss .....                 | 12,632        | 500.57       | 584             | 4.07   |
| Eugenie Douglas .....            | 12,570        | 480.70       | 561             | 3.95   |
| Rose Morning .....               | 12,564        | 416.24       | 486             | 3.29   |
| Queen of Barclay .....           | 12,557        | 527.89       | 616             | 4.12   |
| Rose Ermel .....                 | 12,501        | 452.00       | 527             | 3.68   |
| Jennie of Sand Hill .....        | 12,477        | 534.45       | 624             | 4.32   |
| Primrose .....                   | 12,465        | 461.16       | 538             | 4.46   |
| Friskey of Bonshaw .....         | 12,445        | 585.66       | 683             | 4.88   |
| Lillian Drummond 4th .....       | 12,432        | 445.47       | 520             | 3.67   |
| Cora T. .....                    | 12,392        | 449.00       | 524             | 3.77   |
| Keepsake .....                   | 12,365        | 469.32       | 548             | 3.84   |
| Florence Melrose .....           | 12,349        | 483.05       | 564             | 4.03   |
| Rena Myrtle .....                | 12,172        | 468.00       | 546             | 3.77   |
| May Hebron .....                 | 12,135        | 483.29       | 564             | 4.00   |
| Madonna Lass 3d .....            | 12,097        | 490.67       | 572             | 4.30   |
| Bessie Clyde .....               | 12,044        | 459.19       | 536             | 3.76   |
| Hazel Acme .....                 | 12,002        | 429.84       | 501             | 3.58   |
| Bell Ayer .....                  | 11,934        | 492.91       | 575             | 4.22   |
| Madonna Lass 2d .....            | 11,895        | 416.85       | 486             | 3.55   |
| Acelista .....                   | 11,856        | 419.14       | 489             | 3.55   |
| Bessie of Rosemont .....         | 11,784        | 485.47       | 566             | 4.28   |
| Princess Lily .....              | 11,771        | 438.03       | 511             | 3.61   |
| Castlemain's Nancy 2d.....       | 11,767        | 437.01       | 510             | 3.95   |
| Denty 9th of Auchenbrain.....    | 11,757        | 452.57       | 528             | 3.97   |
| Major Acme's Myra .....          | 11,747        | 425.00       | 496             | 3.72   |
| May Mitchell .....               | 11,708        | 459.56       | 536             | 4.01   |
| Crimson Maid .....               | 11,687        | 439.94       | 513             | 3.78   |
| Rose Clockston .....             | 11,612        | 377.49       | 440             | 3.49   |
| Ayrllyn Queen .....              | 11,585        | 399.37       | 465             | 3.48   |
| Yarmouth Mayflower .....         | 11,549        | 482.15       | 562             | 4.28   |
| Little Kilmory Lady Jane.....    | 11,505        | 401.45       | 468             | 3.61   |
| Etta Poultney .....              | 11,475        | 419.14       | 489             | 3.79   |
| Brown Eyes of Knockdon.....      | 11,448        | 437.61       | 511             | 3.96   |
| Bessie of Sand Hill.....         | 11,407        | 536.28       | 626             | 4.70   |
| Primrose .....                   | 11,372        | 475.75       | 555             | 4.10   |
| Carmina .....                    | 11,317        | 444.53       | 519             | 4.02   |
| Midget of Sand Hill .....        | 11,281        | 427.47       | 482             | 3.75   |
| Queen of Barclay .....           | 11,258        | 414.86       | 484             | 3.78   |

|                       | Lbs.<br>Milk. | Lbs.<br>Fat. | Lbs.<br>Butter. | % Fat. |
|-----------------------|---------------|--------------|-----------------|--------|
| Eugenie Douglas ..... | 11,252        | 416.90       | 486             | 3.80   |
| Rutland Girl .....    | 11,216        | 355.50       | 425             | 3.20   |
| Cardrum Brandy .....  | 11,196        | 408.32       | 476             | 3.71   |
| Esthon Douglas .....  | 11,121        | 412.64       | 481             | 3.73   |
| Kitty K. .....        | 11,115        | 439.00       | 512             | 3.97   |
| Nino Douglas .....    | 11,115        | 431.47       | 503             | 4.86   |
| Yarico 3d .....       | 11,089        | 382.19       | 446             | 3.58   |
| Rosanna Webb .....    | 11,086        | 470.37       | 549             | 4.24   |
| Lady Wonder 4th ..... | 11,085        | 415.12       | 484             | 3.73   |

## FOUR YEAR OLD FORM

|                                |        |        |     |      |
|--------------------------------|--------|--------|-----|------|
| Bessie of Rosemont .....       | 14,102 | 578.57 | 675 | 4.18 |
| Southwick Woodbine .....       | 12,995 | 468.42 | 547 | 3.53 |
| Cora T. 2d .....               | 12,230 | 510.67 | 596 | 4.20 |
| Bell Ayer .....                | 11,934 | 492.91 | 575 | 4.22 |
| Lady Douglas of Riverside..... | 11,577 | 447.72 | 522 | 3.91 |
| Douglas Cordelia .....         | 11,448 | 411.10 | 480 | 3.58 |
| Midget of Sand Hill .....      | 11,281 | 421.47 | 492 | 3.62 |
| Oshawa Lady 2d .....           | 11,254 | 430.73 | 503 | 3.99 |
| Madam Bossi .....              | 11,148 | 463.99 | 541 | 3.94 |
| Letta of Avon .....            | 11,062 | 452.67 | 528 | 4.19 |
| Mabelle of Highland .....      | 10,957 | 408.22 | 477 | 3.85 |
| Finlayston Maggie 3d .....     | 10,759 | 439.71 | 513 | 4.27 |
| Pauline Sebastian .....        | 10,745 | 361.71 | 422 | 3.36 |
| Kaziah of Highland .....       | 10,624 | 369.12 | 431 | 3.74 |
| Esthon Douglas .....           | 10,527 | 373.52 | 436 | 3.62 |
| Beckey of Holehouse .....      | 10,507 | 396.85 | 463 | 3.88 |
| Abbie Sebastian .....          | 10,449 | 366.00 | 427 | 3.87 |
| Rena Ayer .....                | 10,424 | 440.21 | 514 | 4.30 |
| Eva of Willowmoor .....        | 10,102 | 449.84 | 525 | 4.45 |
| Sarah Hebron .....             | 10,097 | 469.17 | 547 | 4.70 |
| October Lass .....             | 10,078 | 397.43 | 462 | 3.97 |
| Madonna Lass 2d .....          | 10,020 | 384.85 | 449 | 3.94 |
| Garclaugh Mayflower .....      | 9,814  | 394.59 | 460 | 3.90 |
| Margaret of Rathalla .....     | 9,586  | 380.42 | 444 | 4.13 |
| Maud Douglas .....             | 9,529  | 357.91 | 421 | 3.63 |
| Crimson Avis .....             | 9,501  | 321.80 | 375 | 3.38 |
| Madge of Wellington .....      | 9,494  | 390.84 | 456 | 4.19 |
| Rose Moodna .....              | 9,455  | 322.44 | 377 | 3.40 |
| Broomhill Minnie 10th .....    | 9,409  | 380.57 | 444 | 4.15 |
| Lady Yarico .....              | 9,413  | 352.61 | 411 | 3.75 |
| Agneze Sebastian .....         | 9,364  | 366.00 | 427 | 3.87 |
| Princess of Maple Grove.....   | 9,259  | 313.03 | 365 | 3.41 |
| Columbia Douglas .....         | 9,252  | 356.92 | 399 | 3.80 |
| Colonel's Lady Bell .....      | 9,226  | 417.33 | 487 | 4.72 |
| Lady Leah .....                | 9,199  | 308.83 | 360 | 3.81 |
| Burnside Lady Waddell .....    | 9,186  | 381.09 | 445 | 4.24 |
| Douglas Empress .....          | 9,165  | 382.86 | 447 | 4.22 |
| Nellie Earl .....              | 9,117  | 342.34 | 399 | 3.75 |
| Dollie Kilbowie .....          | 9,039  | 311.14 | 363 | 3.49 |
| Crimson Lady .....             | 9,032  | 365.17 | 426 | 4.11 |
| Crimson Rambler .....          | 9,013  | 329.91 | 385 | 3.72 |

## THREE YEAR OLD FORM.

|                                   | Lbs.<br>Milk. | Lbs.<br>Fat. | Lbs.<br>Butter. | % Fat. |
|-----------------------------------|---------------|--------------|-----------------|--------|
| McAlister's Betty .....           | 14,208        | 581.41       | 678             | 4.19   |
| Matie of Sand Hill .....          | 13,897        | 593.16       | 692             | 4.32   |
| Ithan 5th .....                   | 13,180        | 558.07       | 651             | 4.24   |
| Mable of Sand Hill .....          | 12,857        | 501.06       | 585             | 3.87   |
| Lily of Willowmoor .....          | 12,589        | 473.83       | 554             | 3.80   |
| Queen of Barclay .....            | 12,557        | 497.89       | 581             | 3.11   |
| Bernice Clyde .....               | 12,505        | 529.36       | 618             | 4.38   |
| Keepsake 2d .....                 | 12,235        | 534.38       | 623             | 5.20   |
| Curfew Bell .....                 | 11,181        | 502.99       | 587             | 4.61   |
| White Heather of Torr.....        | 10,887        | 449.58       | 525             | 4.13   |
| Drummond's Gem .....              | 10,746        | 356.28       | 416             | 3.40   |
| Madonna Lass 3d .....             | 10,467        | 429.85       | 501             | 4.10   |
| Sweet Josie .....                 | 10,103        | 404.57       | 472             | 4.18   |
| Jennie of Sand Hill.....          | 10,160        | 437.16       | 500             | 4.31   |
| Megsy Tipperlin 3d .....          | 10,126        | 381.65       | 445             | 3.81   |
| Queen Ester .....                 | 9,998         | 330.48       | 386             | 3.31   |
| Norwood Model .....               | 9,867         | 336.57       | 393             | 3.43   |
| Auchenbrain Favorite Beauty 6th.. | 9,842         | 469.43       | 548             | 4.81   |
| Midget of Sand Hill.....          | 9,824         | 361.71       | 422             | 3.73   |
| Lady Quality .....                | 9,816         | 404.26       | 472             | 4.12   |
| Josie of Bell Farm.....           | 9,813         | 347.61       | 406             | 3.57   |
| Daisy Jewess 3d .....             | 9,665         | 356.57       | 416             | 3.78   |
| Lucy J. .....                     | 9,652         | 407.35       | 475             | 4.26   |
| Eugenie Douglas .....             | 9,587         | 379.71       | 443             | 4.05   |
| Lady Burton .....                 | 9,580         | 326.95       | 381             | 3.57   |
| Babe's Duchess .....              | 9,559         | 387.31       | 452             | 4.16   |
| Bernice Sebastian .....           | 9,467         | 381.12       | 445             | 3.79   |
| Barcheskie Gwynette .....         | 9,234         | 415.01       | 484             | 4.60   |
| Finlayston's Fern .....           | 9,113         | 340.82       | 398             | 3.81   |
| Mona of Bell Farm.....            | 9,049         | 320.77       | 374             | 3.62   |
| Yucca Douglas .....               | 9,049         | 317.77       | 371             | 3.56   |

## TWO YEAR OLD FORM.

|                               |        |        |     |      |
|-------------------------------|--------|--------|-----|------|
| Hazel of Sand Hill .....      | 11,078 | 627.13 | 732 | 5.61 |
| Polly Puss 2d .....           | 11,060 | 461.33 | 538 | 4.23 |
| Kaziah of Highland .....      | 10,970 | 425.47 | 497 | 3.86 |
| Finlayston's Ithan .....      | 10,910 | 494.91 | 577 | 4.68 |
| Ithan 5th .....               | 10,398 | 436.95 | 510 | 4.33 |
| Trixie of Torr .....          | 10,157 | 392.76 | 458 | 3.86 |
| Canary Bell .....             | 10,092 | 371.81 | 434 | 3.69 |
| Finlayston's Firefly .....    | 9,933  | 421.54 | 492 | 4.42 |
| Madonna Lass 4th .....        | 9,786  | 428.77 | 500 | 4.53 |
| Baby Douglas .....            | 9,652  | 377.30 | 440 | 3.98 |
| Finlayston's Fern .....       | 9,615  | 378.65 | 442 | 3.97 |
| Willowmoor Bonnie Lass .....  | 9,488  | 326.94 | 381 | 3.45 |
| Queen 2d of Barclay .....     | 9,486  | 364.28 | 425 | 3.40 |
| Blanche of Sand Hill .....    | 9,435  | 389.37 | 454 | 4.20 |
| Mabelle of Highland .....     | 9,422  | 356.79 | 416 | 3.89 |
| Megsy Tipperlin 3d .....      | 9,312  | 345.12 | 403 | 3.88 |
| Nether Craig Spicy Queen..... | 9,267  | 443.35 | 517 | 5.64 |
| Lily of Willowmoor .....      | 9,211  | 348.92 | 407 | 3.83 |
| Daisy Verbank 2d .....        | 9,195  | 341.81 | 399 | 3.81 |

|                               | Lbs.<br>Milk. | Lbs.<br>Fat. | Lbs.<br>Butter. | % Fat. |
|-------------------------------|---------------|--------------|-----------------|--------|
| Gazelle Melrose .....         | 9,194         | 355.88       | 415             | 3.91   |
| Skylands Maid .....           | 9,108         | 348.60       | 407             | 3.87   |
| Molly of Bell Farm .....      | 9,038         | 327.98       | 383             | 3.65   |
| Bessie of Rosemont .....      | 8,835         | 377.11       | 433             | 4.02   |
| Netherhall Brownie 18th ..... | 8,826         | 361.75       | 421             | 4.09   |
| Bell Ayer 2d .....            | 8,819         | 402.64       | 470             | 4.65   |
| Felicia of Highland .....     | 8,767         | 344.27       | 402             | 3.97   |
| Grace of Sand Hill .....      | 8,698         | 338.57       | 395             | 3.97   |
| Douglas Cordelia .....        | 8,649         | 298.30       | 348             | 3.45   |
| Letta Lind of Radnor .....    | 8,602         | 372.85       | 435             | 4.49   |
| Addington Queen 2d .....      | 8,573         | 328.43       | 381             | 3.84   |
| Iihan 4th .....               | 8,563         | 330.81       | 386             | 3.90   |
| Clotilde of Rosemont .....    | 8,548         | 322.30       | 376             | 3.70   |
| Beulah M. .....               | 8,516         | 357.54       | 417             | 4.27   |
| Snowflight of Radnor .....    | 8,505         | 349.30       | 406             | 4.10   |
| McAlister's Betty .....       | 8,492         | 356.29       | 416             | 4.21   |
| Mina 3d of Radnor .....       | 8,349         | 382.32       | 446             | 4.65   |
| Linnette Barcheskie .....     | 8,346         | 270.66       | 316             | 3.22   |
| May Hebron 2d .....           | 8,312         | 312.63       | 365             | 3.87   |
| White Lola .....              | 8,282         | 295.71       | 345             | 3.53   |
| Madge of Bell Farm .....      | 8,229         | 317.61       | 371             | 3.11   |
| Matie of Sand Hill .....      | 8,212         | 349.56       | 408             | 4.31   |
| Floe .....                    | 8,201         | 345.43       | 403             | 4.30   |
| Bonnie 2d of Radnor .....     | 8,184         | 345.40       | 403             | 3.90   |
| Pansy Earl .....              | 8,060         | 357.53       | 417             | 4.61   |
| Francis of Barclay .....      | 8,047         | 345.43       | 403             | 4.30   |
| Lady Earl .....               | 8,034         | 353.69       | 403             | 4.49   |
| Flossy J. .....               | 8,030         | 298.65       | 348             | 3.83   |
| Maud Douglas .....            | 8,011         | 278.20       | 325             | 3.48   |

#### SHOWING PROGRESS.

In the early days, a few of the breeders of Ayrshires in the United States and Canada kept private records of the yield of milk from their herds for longer or shorter periods. Some weighed the milk for one day each month and estimated the annual yield from that, while a few weighed the milk at each milking, keeping a record of the same.

In 1891 your Secretary, in the attempt to influence the breeders of Ayrshires to know something about their cows, and to make public the dairy excellence of the breed, issued a circular letter asking for reliable information about the yield from each dairy of pure bred Ayrshires owned by members of the Association living in the United States and Canada. I find on file a printed report which starts off with saying, "They were quite generally responded to, but the majority reported that they knew

nothing in regard to the doing of their cows, never weighing or measuring.

Some weighed for a little while and estimated from that. Others weighed periodically and a few at every milking."

Without going into detail in copying that report, I will give some items of interest brought out by the report:

A Wisconsin breeder reports the manufacture of cheese in summer with one pound of cheese to ten pounds of milk, and in winter one pound of butter to twenty pounds of milk.

A Pennsylvania breeder reports weighing his milk at each milking and obtaining an average of 5,500 lbs. of milk from 35 cows and heifers.

A Canadian breeder reports weighing once a month and from that figures an average yield of 7,000 lbs. per cow.

A Rhode Island breeder reports weighing and measuring once a month and getting an average of 6,500 lbs. per cow.

An Ohio breeder reports the weighing of milk daily in summer and the milk manufactured into Swiss cheese, at from ten to eleven pounds of milk to a pound of cheese, and an average of 3,500 lbs. of milk to a cow for the six summer months.

A California breeder reports milk weighed daily with an average for the year of 6,049 lbs. of milk per cow.

A New York breeder reports 6,050 lbs. of milk average from 40 cows, milk weighed daily in bulk at the cheese factory, 9½ lbs. milk to a lb. cheese.

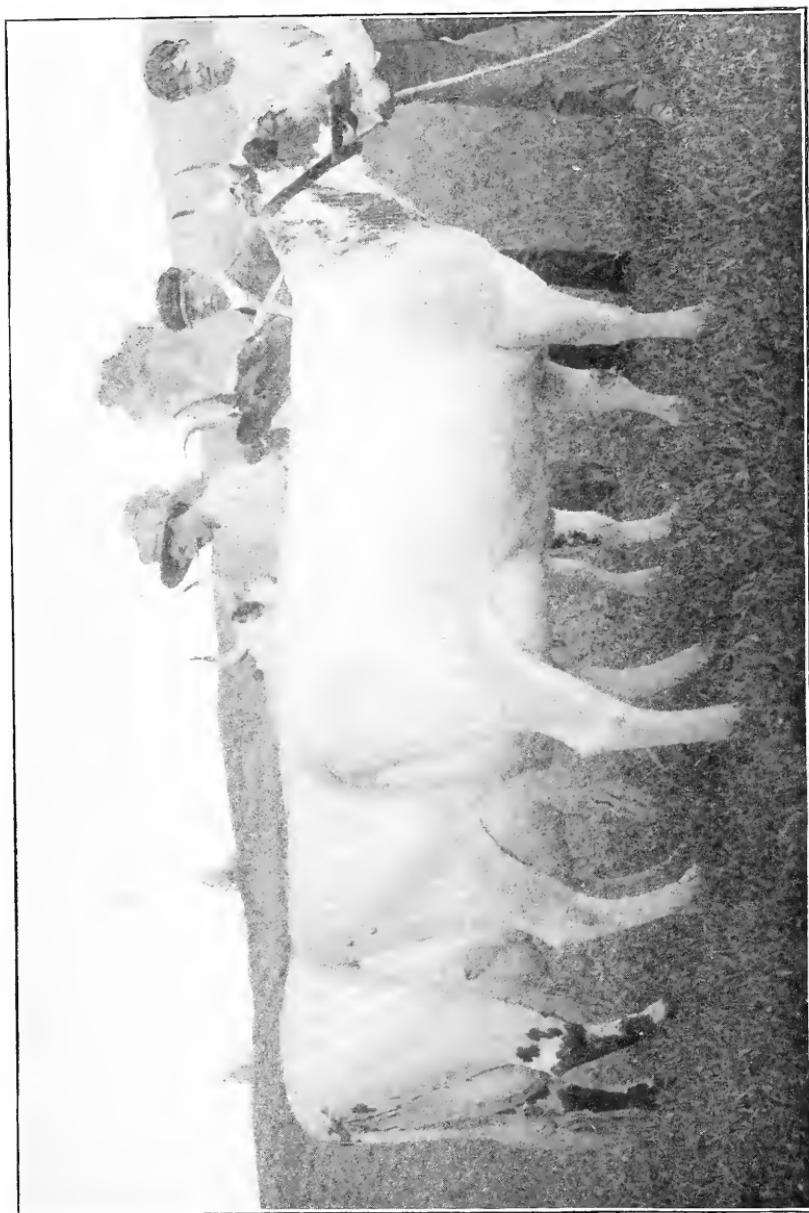
A New Hampshire breeder reports milk weighed daily for a year with an average of 5,942 lbs. per cow.

A Massachusetts herd reports daily weighing of milk for 15 years with an average of 5,597 lbs. per cow.

A Vermont herd reports daily weighing of milk for four years with an average of 6,015 lbs. per cow.

Another Vermont herd reports a daily weighing of milk for ten years with an average of 6,310 lbs. of milk per cow.

A New York herd reports daily weighing of milk for seven years with an average of 6,807 lbs. per cow.



ALTA CREST AYRSLIRES

Taking such of the above reports as have had the milk actually weighed, would give an average of 6,109 lbs. of milk from 614 cows, which might be called the average capacity of an Ayrshire cow at the present time, as far as known. The average yield for butter would be  $221\frac{1}{3}$  lbs. per cow for a full year. I wish more of the owners of Ayrshires would weigh their milk and test their cows. I believe it pays amply for the time and trouble, both in the knowledge the owner has of his own herd and as a means of advertising. This is an age of records, and the public want to know what your cattle are doing by actual test. I also believe the printed reports of a herd presented to the public is a wonderful advertising card, especially at fairs. I know my rival at our Vermont State Fair (Mr. Drew) and myself have a thousand or so copies of our milk record on hand and keep a man stationed to give one to every one who comes along. The result is we sell a good many Ayrshires in our own State, and the demand is increasing. Our records are not particularly large, but I know my records, small as they are, have sold many cattle for me, and I think others who have tried it will tell the same. I had an interesting illustration of the value of a milk record this winter in making a sale of 12 head to go to Central America. Nearly a year ago I was in Rutland, and met a man from Central America who was looking for horses to take home with him. I gave him, at his request, all the information I could in regard to our Morgan horses, and then I asked him in regard to the cattle of his country and gradually introduced Ayrshires, and told him why I thought they would be just the breed for them to introduce, and gave him one of my milk records—I always intend to have a few about me. I bid him good-bye; he bought some Morgans, and that was the last I thought of him until I received a letter from a gentleman from Costa Rica, saying a friend of his had told him about my Ayrshires and showed him a record of my herd, and wanting to know the price, &c. The result was a sale, through Ellinger Bros., of 12 head and I laid it entirely to the story of the milk record, and I might illustrate

still more in the same line. I believe it pays to advertise, and let the world know what you have to sell.

C. M. WINSLOW, Sec'y,  
Brandon, Vt.

February, 1891.

---

The above was the condition of the dairy publicity work some twenty years ago with scarcely any knowledge of the dairy ability of the Ayrshire cow even by the owner, and the most careful breeder simply keeping his herd in a common dairyman's manner with no extra attention or extra care.

I copy the above to show what has come to the breed from the awakening of the owners to the real worth of the Ayrshire cow when cared for in some measure as she ought to be, and for profit.

It is no wonder the Ayrshire cow was unknown, when the breeders themselves acknowledged they did not know what their cows were doing.

The average of the breed at that day compared with the average of today is both interesting and instructive.

The conditions were the same in the United States, Canada and Scotland, a wonderful cow naturally, but comparatively unknown, as to her dairy ability, a cow that needed only to be led out of obscurity into the light of publicity to place her second to none in public estimation. She has never been exploited or boomed, but has steadily made progress in the appreciation of the public, simply because every step of her progress has been backed up by actual merit.

#### ADVANCED REGISTRY.

The system of official testing lately established by the Association for recording cows that reach the prescribed standard, is doing much to place the Ayrshire cow in the front rank as a dairy cow.

The days for guessing how much a cow will produce in either milk or butter has passed, and what the public demands is official evidence of the reliability of all claims.

In order to develop the great ability of the Ayrshire cow, and to place her dairy records on a reliable basis, the Association has established a standard for milk and butter for the different ages up to maturity.

In order to qualify for advanced registry, the following classification and requirements are made:

All tests shall be for a year from the time of freshening, or until she shall become dry from that freshening.

If she should freshen within the year, the milk from the second freshening could not be included, and her year's record would include only the milk from the first freshening, and in no case could it run over 365 days from the start.

If she should lose her calf prematurely during the year, then the test must end there the same as though she had calved regularly, but if she shall have given sufficient milk and fat to qualify, she may be entered on that record.

#### CLASSIFICATION OF ANIMALS.

Cows from two to three years old shall be in a class known as the two-year-old form.

Cows from three to four years old shall be in a class known as the three-year-old form.

Cows from four to five years old shall be in a class known as the four-year-old form.

Cows above five years old shall be in a class known as the full-age form.

#### ELIGIBILITY OF BULLS.

No bull shall be admitted to Advanced Registry unless he shall have been previously recorded in the Ayrshire record.

a. A bull to be eligible to Advanced Registry shall be a typical Ayrshire bull in general appearance, shall scale 80 points and have two daughters in the Registry from different dams.

b. A bull may be admitted to Advanced Registry without physical qualifications, and without scaling, provided he has four daughters in the Advanced Registry from different dams.

## ELIGIBILITY OF COWS.

No cow shall be admitted to Advanced Registry unless she shall have been previously recorded in the Ayrshire Record.

## TWO-YEAR-OLD FORM.

Year's record. If her record begins the day she is two years old, or before that time, she shall, to entitle her to record, give not less than 6,000 pounds of milk in 365 consecutive days from the beginning of the test and 214.3 pounds of butter fat, and for each day she is over two years old at time of beginning the test there shall be added 1.37 pounds of milk to the 6,000 pounds and .06 pounds of butter fat to the 214.3 pounds.

## THREE-YEAR-OLD FORM.

If her record begins the day she is three years old, she shall, to entitle her to record, give not less than 6,500 pounds of milk in 365 consecutive days from the beginning of the test and 236 pounds of butter fat, and for each day she is over three years old at the time of beginning the test there shall be added 2.74 pounds of milk to the 6,500 pounds and .12 pounds of butter fat to the 236 pounds, which addition shall be made in each succeeding form to maturity.

## FOUR-YEAR-OLD FORM.

Year's record—7,500 pounds of butter and 279 pounds of butter fat.

## MATURE FORM.

Year's record—8,500 pounds of milk and 322 pounds of butter fat.

## PERIOD FOR MAKING TESTS.

All tests for a year shall be commenced as soon after calving as practicable, and shall not extend beyond 365 days from the commencement of the test, and in no case shall the test include the milk or butter fat from a second calving.

a. A cow may be entitled to as many registrations as her several tests qualify her for, even if they do not exceed previous records; also she may be entitled to a cumulative record of consecutive tests that qualify with an average of not more than fifteen months intervening between freshenings.

#### APPLICATION FOR TESTS.

An application for a test will not be accepted from a person who is not a member of the Ayrshire Breeders' Association. Application for intended tests should be made to the Secretary as long as possible before the desired time for beginning such tests in order to allow sufficient time to arrange with the Experiment Station of the State where the owner is located for supervision of the test.

In making application for a test, the owner should give sufficient evidence of the capability of the cow to qualify to warrant making the test.

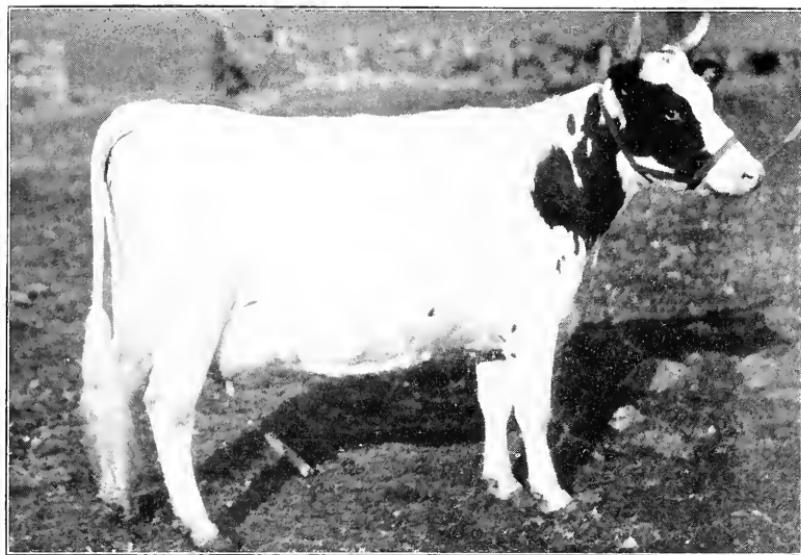
#### METHOD OF CONDUCTING TESTS.

All tests shall be under the supervision of the Secretary and the Experiment Station of the State where the test is being made, or such persons as may be appointed by concurrence of Secretary and Station.

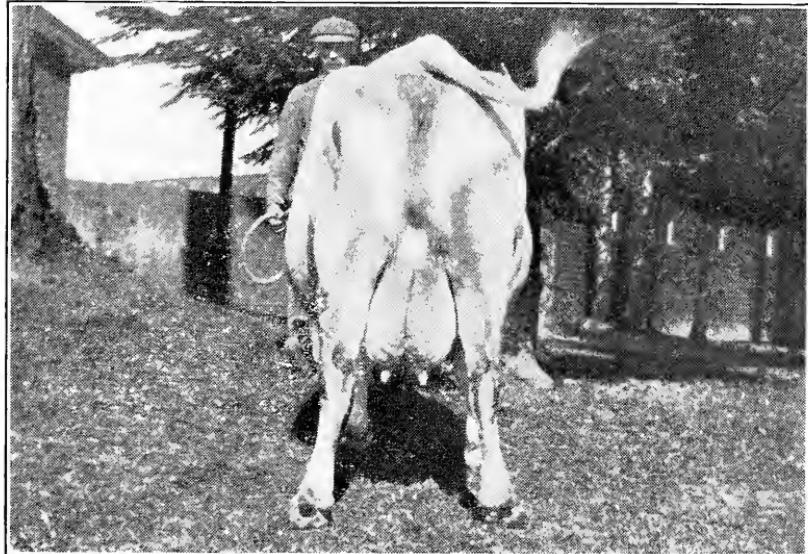
The owner shall weigh each milking from each cow being tested and keep a careful record of the same on blank forms furnished by the Secretary, and at the end of each month he shall add the amount of milk given by each cow and set it down in the column prepared for that purpose, and send the filled blank to the Secretary as soon as possible after the month is ended.

In addition to this, the Experiment Station will send an agent to the stable each month, to make a two days' test of the milk of each cow in the test, for quantity given at each milking during his visit and for the amount of butter fat in each sample.

He will also inspect the method of weighing and the daily record, compare the weights with those given during his visit and report the same to the Secretary. The milk record kept by the



LESSNESSOCK QUEEN KATE  
Owned by P. Ryan, Brewster, N. Y.



NETTHERHALL BROWNIE 9TH  
World's Champion Ayrshire Cow, Owned by J. W. Clise, Redmond, Wash.  
Mature class, 18,110 lbs. milk, 820.91 lbs. of fat, equal to 958 lbs. of  
butter, with 4.53 per cent. fat.

owner of the cows being tested will be accepted as the record for the year, provided it agrees practically with that taken monthly by the agent.

The result of each cow's test shall be computed in the following manner: The weights of milk produced each month shall be multiplied by the per cent. of butter fat as shown by the official test for that month.

If it is desired to show the amount of commercial butter, it shall be obtained by the Experiment Station method of the addition of one-sixth, being on a basis of 85 per cent. of fat.

#### EXPENSE.

All the expense incurred by the Association in the employment of an Experiment Station's agent to conduct the test shall be divided equally between the Association and the member having the test made. It is expected that the member having the test made will, without charge, render such assistance as he is able to the agent, in conveyance to the railroad station and in entertainment while making the monthly test.

No fee is required for entering a cow for the test, but if she shall qualify, there is a fee of \$5.00 required for her entry into the advanced register.

There is also a fee of \$5.00 required for registering a bull that shall qualify.

A bull shall also be entitled to a new advanced registry for each time he shall qualify, under the above rule for eligibility, and a certificate will be issued stating the number of his get that have qualified up to date, and for each certificate there will be a charge of \$5.00.

While no charge is made for entering as many cows as the owner may wish to have tested, it is believed that the personal benefit to owners and breeders of Ayrshire cattle from demonstration of their individual superiority by properly authenticated milk and butter records made, gathered and preserved through this system, will warrant their paying \$5.00 each for the recording of such of their cows or bulls as shall qualify for advanced registry.

A record of merit for cow or bull places them before the public as superior animals, and these official records will be of great help to the intelligent breeder in breeding for the highest type in dairy production.

A record is kept in the office of the Association of every bull that has a daughter qualify, and at a glance it can be known how many of his daughters have qualified, the individual record of each in pounds of milk, fat, butter, and average per cent. of fat, also the total amount of the milk, fat, butter, and average per cent. of all his daughters that have been admitted to advanced registry.

The advantage of this is that prepotency of the bulls in siring dairy cows is easily learned, and if the same animal that is a great dairy sire, is also a typical bull in conformation it makes him doubly valuable as a sire.

The test is of especial value to every owner of a herd of cows, because it shows him the individuality of each cow in his herd in all her dairy points, milk, fat and per cent. of fat, thereby enabling him to dispose of his cows that do not show a high standard of production, both in quantity of milk and per cent. of fat.

It also is a guide in breeding, because by it he knows just where his cows are lacking in dairy production, and by referring to the list of advanced registry bulls he can select one whose get should build up his herd in their weak points.

Successful breeding is not done in a haphazard way, and sure and steady progress is only attained by the exercise of sound judgment and careful selection in coupling.

The Ayrshire cow as she stands today is most beautiful in conformation, in color, and general style, and is rightfully called the "Perfect Cow."

While there are a large number of Ayrshire cows that can rightfully claim the title of "Perfect Cow" both in conformation and dairy record there are a good many others that lack in one or both qualities. That the number of perfect cows may be increased until they shall be in the large majority, lies in the hands

of three factors, the breeder, the Ayrshire Breeders' Association, and the managers of fairs.

The breeder uses his utmost skill in the selection of the highest type of breeding stock, guided as to conformation by the scale of points laid down by the Association, then gives them the best of care, and enters them for the advanced registry test, which shows to him which are the best in his herd for dairy purposes and then he shows them at the fairs to obtain the verdict of expert decision in the ring as to whether or not he has made a success in producing the perfect cow.

The man in his breeding uses his own judgment, the Association in testing uses expert skill, and the judge in the ring should be able to place the awards on those animals that combine the summing up of breeding to the scale of points, and high official records.

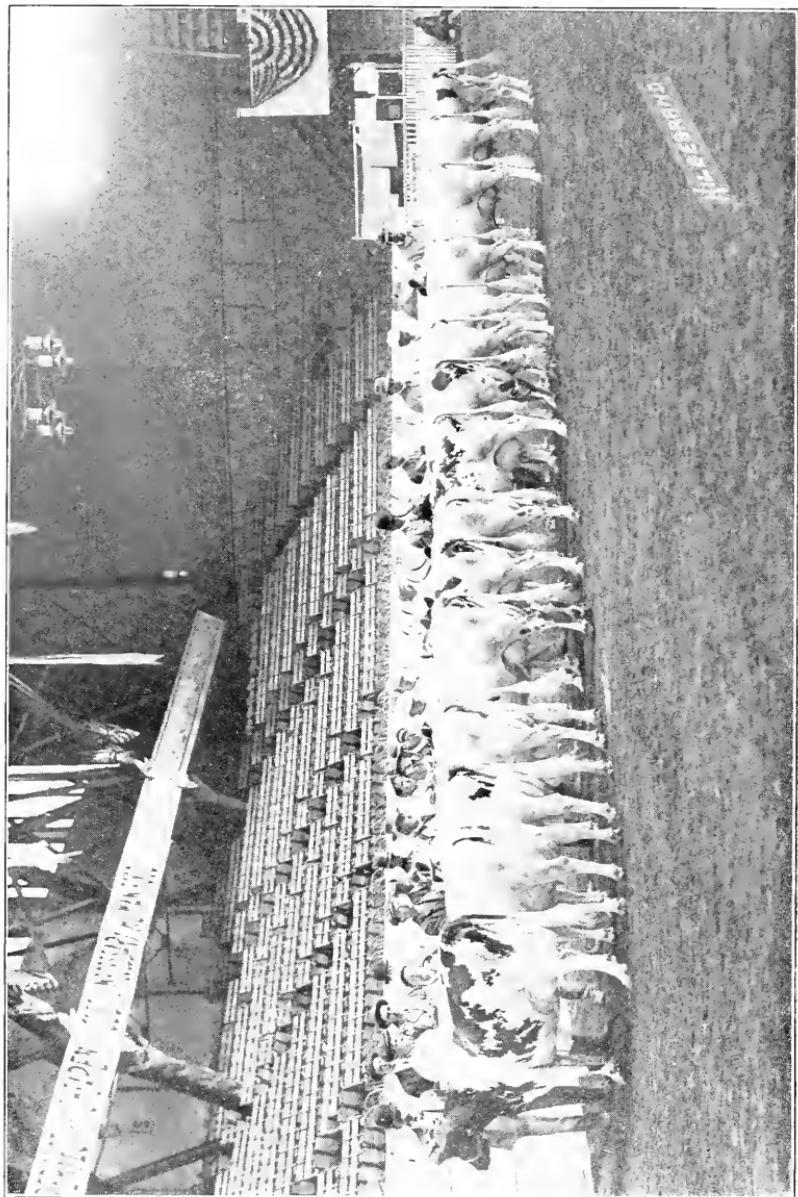
It is very important that the Fair Associations employ as judges only men of the highest type of skill, sound judgment and strict integrity. The expert judge in the ring acts as the highest court of appeal. His decisions in the ring should be looked up to as authority, and should be a guide to the breeder, and educational to the on-looker.

Another important feature of the testing is the gathering from the breeders and the Experiment Station Agents, a report of all the food consumed by each cow together with the local cost of the same. It has always been claimed that the Ayrshire cow was a profitable cow, returning the largest possible amount of milk from the food consumed.

The returns we are getting are showing the Ayrshire cow to be a paying investment, and largely so.

The following extract from a letter recently received from a prominent breeder of Ayrshires is so much in line with one of the crying needs of breeders of all thoroughbred stock that I wish to insert it here and with emphasis.

"The importance of having expert judges at fairs whose decisions in the ring shall be educational is absolutely necessary to



AGED COW CLASS  
National Dairy Show, 1911

the encouragement of breeders in producing the highest type of any breed as laid down in their scale of points for that breed."

It is universally admitted now that no other breed of cattle in the world is so perfect and uniform in type as the Ayrshires, and several of our leading breeders have already demonstrated that beautiful form in no way hinders great milk capacity (the cow, Netherhall Brownie 13th, is a beautiful animal to look upon, and she is also a great milk producer) in fact, there are numerous cows in the country today that delight the eye, and fill the pail as well, and it is of the utmost importance to Ayrshire breeders to stick to these beautiful types and have them in mind in all their breeding operations. The future will bring them abundant reward.

The most difficult problem today which confronts our Association is to find judges who have sufficient inherited skill and general capacity to judge correctly in the show ring.

Many of our breeders feel that fairs and show rings should more clearly define the conditions of the competition. Is it to be for beautiful form alone, or should milk inheritance be also considered, and if so, how many points are to be allowed for each?

These suggestions are mentioned for breeders' careful thought and consideration at our next annual meeting.

## ADVANCED REGISTRY.

A complete list of all advanced registry tests to date.

## TWO YEAR OLD FORM

|       |  | Lbs.<br>Milk. | Lbs.<br>Fat. | Lbs.<br>Butter. | % Fat. |
|-------|--|---------------|--------------|-----------------|--------|
| 24720 | Hazel of Sand Hill, 325....                          | 11,078        | 627.13       | 732             | 5.66   |
|       | Owned by S. S. Karr & Son, Almond, N. Y.             |               |              |                 |        |
| 25297 | Polly Puss 2d, 354.....                              | 11,060        | 461.33       | 538             | 4.17   |
|       | Owned by John R. Valentine, Bryn Mawr, Pa.           |               |              |                 |        |
| 26039 | Kaziah of Highland, 307....                          | 10,970        | 425.47       | 497             | 3.88   |
|       | Owned by John R. Valentine, Bryn Mawr, Pa.           |               |              |                 |        |
| 26585 | Finlayston's Ithan, 350.....                         | 10,910        | 494.91       | 577             | 4.53   |
|       | Owned by John R. Valentine, Bryn Mawr, Pa.           |               |              |                 |        |
| 26582 | Ithan 5th, 355 .....                                 | 10,398        | 436.95       | 510             | 4.20   |
|       | Owned by John R. Valentine, Bryn Mawr, Pa.           |               |              |                 |        |
| 27977 | Imp. Trixie of Torr, 500 .                           | 10,157        | 392.76       | 458             | 3.86   |
|       | Owned by John R. Valentine, Bryn Mawr, Pa.           |               |              |                 |        |
| 25748 | Canary Bell, 474 .....                               | 10,092        | 371.81       | 434             | 3.68   |
|       | Owned by Kansas State Agr'l College, Manhattan, Kan. |               |              |                 |        |
| 20688 | Cowslip of Maple Ridge, 476.                         | 10,081        | 373.07       | 425             | 3.70   |
|       | Owned by Friends' Asylum, Frankford, Pa.             |               |              |                 |        |
| 28061 | Flora of Hillview, 465....                           | 10,046        | 416.42       | 486             | 4.14   |
|       | Owned by Hart Wallace, Shelbyville, Ky.              |               |              |                 |        |
| 25739 | Mosshawk of Hillview, 464.                           | 10,032        | 392.89       | 458             | 3.92   |
|       | Owned by Hart Wallace, Shelbyville, Ky.              |               |              |                 |        |
| 26584 | Finlayston's Firefly, 375....                        | 9,933         | 421.54       | 492             | 4.25   |
|       | Owned by John R. Valentine, Bryn Mawr, Pa.           |               |              |                 |        |
| 27548 | Imp. Hobsland Miss Pan, 506                          | 9,914         | 334.87       | 391             | 3.38   |
|       | Owned by P. Ryan, Brewster, N. Y.                    |               |              |                 |        |
| 25843 | Maggie of Hillview, 560....                          | 9,816         | 371.57       | 434             | 3.79   |
|       | Owned by Hart Wallace, Shelbyville, Ky.              |               |              |                 |        |
| 23997 | Madonna Lass 4th, 234....                            | 9,786         | 428.77       | 500             | 4.39   |
|       | Owned by Hill Top Farm, Wheeling, W. Va.             |               |              |                 |        |
| 21849 | Baby Douglas, 71.....                                | 9,652         | 376.54       | 439             | 3.90   |
|       | Owned by Hill Top Farm, Wheeling, W. Va.             |               |              |                 |        |
| 25293 | Finlayston's Fern, 238....                           | 9,615         | 378.65       | 442             | 3.94   |
|       | Owned by John R. Valentine, Bryn Mawr, Pa.           |               |              |                 |        |
| 24282 | Willowmoor Bonnie Lass, 305                          | 9,488         | 326.94       | 381             | 3.45   |
|       | Owned by J. W. Clise, Redmond, Wash.                 |               |              |                 |        |
| 19748 | Queen 2d of Barclay, 58....                          | 9,486         | 364.59       | 425             | 3.84   |
|       | Owned by J. W. Clise, Redmond, Wash.                 |               |              |                 |        |
| 24717 | Blanche of Sand Hill, 324....                        | 9,435         | 389.37       | 454             | 4.13   |
|       | Owned by S. S. Karr & Son, Almond, N. Y.             |               |              |                 |        |
| 21695 | Mabelle of Highland, 232..                           | 9,422         | 356.79       | 416             | 3.77   |
|       | Owned by John R. Valentine, Bryn Mawr, Pa.           |               |              |                 |        |
| 26014 | Megsy Tipperlin 3d, 331....                          | 9,312         | 345.12       | 403             | 3.7    |
|       | Owned by John R. Valentine, Bryn Mawr, Pa.           |               |              |                 |        |
| 24673 | Nether Craig Spicy Queen, 240                        | 9,267         | 441.75       | 515             | 4.77   |
|       | Owned by Geo. H. McFadden, Bryn Mawr, Pa.            |               |              |                 |        |
| 22269 | Lily of Willowmoor, 299....                          | 9,211         | 349.02       | 407             | 3.79   |
|       | Owned by J. W. Clise, Redmond, Wash.                 |               |              |                 |        |
| 26993 | Daisy Verbank 2d, 282....                            | 9,196         | 341.81       | 399             | 3.72   |
|       | Owned by Hill Top Farm, Wheeling, W. Va.             |               |              |                 |        |
| 21337 | Gazelle Melrose, 168 .....                           | 9,194         | 355.69       | 415             | 3.85   |
|       | Owned by W. V. Probasco, Cream Ridge, N. J.          |               |              |                 |        |

## TWO YEAR OLD FORM—Continued.

|       |   | Lbs.<br>Milk. | Lbs.<br>Fat. | Lbs.<br>Butter. | % Fat. |
|-------|---|---------------|--------------|-----------------|--------|
| 24265 | Eugenie S. 2d, 515.....<br>Owned by Friends' Asylum, Frankford, Pa.                 | 9,177         | 347.27       | 405             | 3.78   |
| 24370 | Skylands Maid, 360.....<br>Owned by Francis Lynde Stetson, Sterlington, N. Y.       | 9,108         | 348.60       | 407             | 3.83   |
| 24849 | White Pride, 430 .....  | 9,077         | 347.02       | 405             | 3.82   |
|       | Owned by J. W. Clise, Redmond, Wash.  |               |              |                 |        |
| 23019 | Molly of Bell Farm, 236....<br>Owned by Charles J. Bell, Hollis, N. H.              | 9,038         | 327.98       | 383             | 3.63   |
| 25740 | Lucy of Hillview, 466.....<br>Owned by Hart Wallace, Shelbyville, Ky.               | 8,889         | 356.06       | 415             | 4.01   |
| 17904 | Bessie of Rosemont, 44.....<br>Owned by Geo. H. McFadden, Bryn Mawr, Pa.            | 8,835         | 371.47       | 433             | 4.22   |
| 26292 | Elizabeth of Juneau, 523...<br>Owned by Kansas State Agr'l College, Manhattan, Kan. | 8,828         | 307.52       | 359             | 3.48   |
| 28262 | Netherhall Brownie 18th, 496<br>Owned by J. W. Clise, Redmond, Wash.                | 8,826         | 361.75       | 421             | 4.1    |
| 21259 | Bell Ayer 2d, 237.....<br>Owned by John R. Valentine, Bryn Mawr, Pa.                | 8,819         | 402.64       | 470             | 4.57   |
| 26160 | Lucy Air, 564 .....   | 8,769         | 355.35       | 415             | 4.05   |
|       | Owned by Friends' Asylum, Frankford, Pa.  |               |              |                 |        |
| 21754 | Felicia of Highland, 176....<br>Owned by John R. Valentine, Bryn Mawr, Pa.          | 8,767         | 344.27       | 402             | 3.93   |
| 22474 | Grace of Sand Hill, 59.....<br>Owned by S. S. Karr & Son, Almond, N. Y.             | 8,698         | 343.37       | 401             | 3.95   |
| 21852 | Douglas Cordelia, 79.....<br>Owned by Hill Top Farm, Wheeling, W. Va.               | 8,649         | 298.36       | 348             | 3.45   |
| 17892 | Letta Lind of Radnor, 81..<br>Owned by Geo. H. McFadden, Bryn Mawr, Pa.             | 8,602         | 382.42       | 446             | 4.4    |
| 23705 | Miss Luna's Leap Year Belle,<br>504 .....   | 8,585         | 338.56       | 395             | 3.94   |
|       | Owned by P. Ryan, Brewster, N. Y.   |               |              |                 |        |
| 26992 | Addington Queen 2d, 281...<br>Owned by Hill Top Farm, Wheeling, W. Va.              | 8,574         | 328.43       | 382             | 3.83   |
| 25103 | Ithan 4th, 228 .....  | 8,563         | 330.81       | 386             | 3.86   |
|       | Owned by John R. Valentine, Bryn Mawr, Pa.  |               |              |                 |        |
| 25088 | Statesman's Hilda, 482....<br>Owned by H. C. Groome, Warrenton, Va.                 | 8,549         | 403.46       | 471             | 4.72   |
| 17893 | Clotilde of Rosemont, 70...<br>Owned by Geo. H. McFadden, Bryn Mawr, Pa.            | 8,548         | 322.38       | 376             | 3.77   |
| 20368 | Beulah M., 169 .....  | 8,516         | 356.51       | 416             | 4.19   |
|       | Owned by S. S. Karr & Son, Almond, N. Y.  |               |              |                 |        |
| 24312 | Cornelia Jerome, 491.....<br>Owned by A. F. Spooner, Richville, N. Y.               | 8,510         | 342.44       | 400             | 4.02   |
| 18696 | Snowflight of Radnor, 73...<br>Owned by J. W. Clise, Redmond, Wash.                 | 8,505         | 347.62       | 406             | 4.09   |
| 23548 | McAlister's Betty, 223.....<br>Owned by Percival Roberts, Jr., Narberth, Pa.        | 8,492         | 356.29       | 416             | 4.2    |
| 28062 | Garland of Hillview, 467....<br>Owned by Hart Wallace, Shelbyville, Ky.             | 8,434         | 350.18       | 407             | 4.15   |
| 27266 | Maggie of Sand Hill, 440...<br>Owned by S. S. Karr & Son, Almond, N. Y.             | 8,388         | 377.57       | 439             | 4.5    |
| 20880 | Mina 3d of Radnor, 163....<br>Owned by Geo. H. McFadden, Bryn Mawr, Pa.             | 8,349         | 382.04       | 446             | 4.58   |



CROFTJANE DINAH 19TH. 19520  
Owned by Mrs. F. D. Erhardt, West Berlin, Vt.



NETHERHALL GOOD TIME, 11447  
Owned by Branford Farms, Groton, Conn.

## TWO YEAR OLD FORM—Continued.

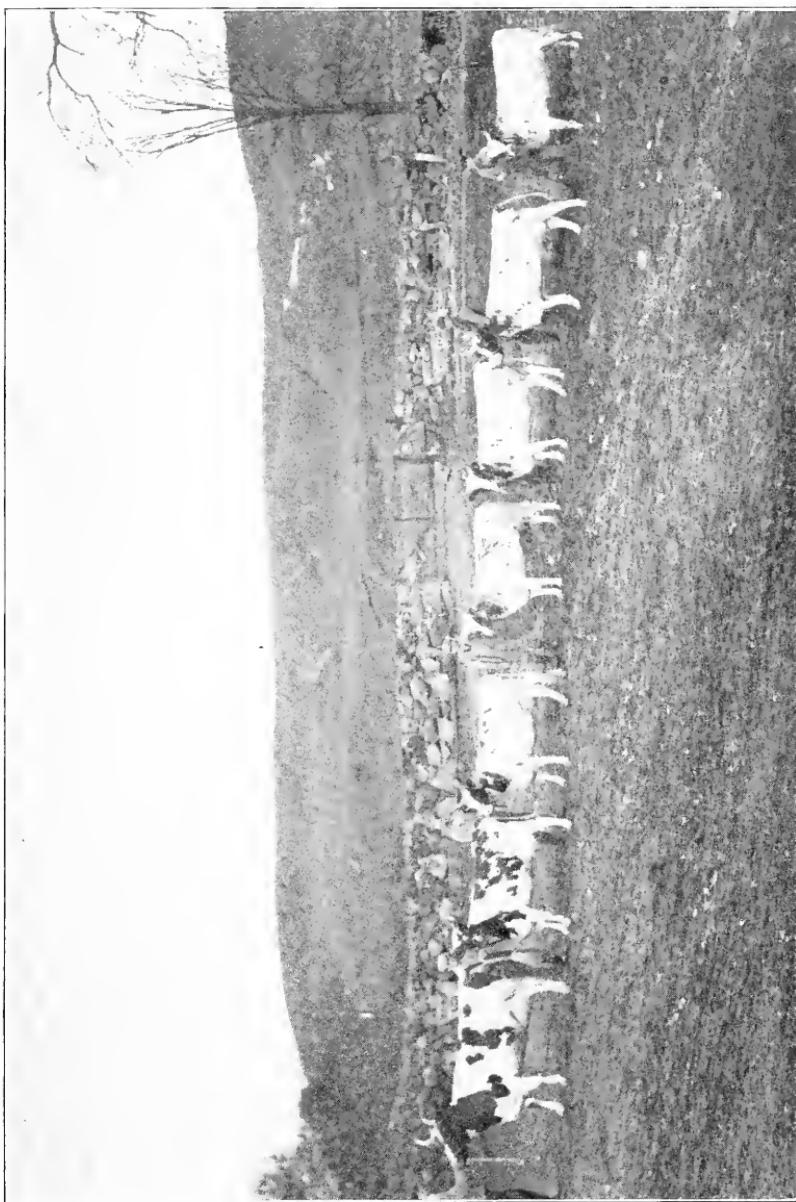
|       |  | Lbs.  | Lbs.   | Lbs.    |        |
|-------|--|-------|--------|---------|--------|
|       |  | Milk. | Fat.   | Butter. | % Fat. |
| 25665 | King's Mayflower, 551.....                         | 8,346 | 373.83 | 436     | 4.48   |
|       | Owned by A. F. Spooner, Richville, N. Y.           |       |        |         |        |
| 24481 | Lenetta Barcheskie, 505.....                       | 8,346 | 270.16 | 316     | 3.24   |
|       | Owned by P. Ryan, Brewster, N. Y.                  |       |        |         |        |
| 25743 | Floe of Hillview, 563.....                         | 8,328 | 337.88 | 394     | 4.06   |
|       | Owned by Hart Wallace, Shelbyville, Ky.            |       |        |         |        |
| 26157 | May Hebron 2d, 308.....                            | 8,312 | 312.63 | 365     | 3.76   |
|       | Owned by M. J. Karr & Son, Almond, N. Y.           |       |        |         |        |
| 19756 | White Lola, 75 .....                               | 8,282 | 296.14 | 346     | 3.58   |
|       | Owned by J. W. Clise, Redmond, Wash.               |       |        |         |        |
| 23021 | Madge of Bell Farm, 318...                         | 8,229 | 317.61 | 371     | 3.86   |
|       | Owned by C. J. Bell, Hollis, N. H.                 |       |        |         |        |
| 23323 | Matie of Sand Hill, 164.....                       | 8,212 | 349.56 | 408     | 4.26   |
|       | Owned by S. S. Karr & Son, Almond, N. Y.           |       |        |         |        |
| 16700 | Floe, 23 .....                                     | 8,201 | 346.90 | 405     | 4.23   |
|       | Owned by W. V. Probasco, Cream Ridge, N. J.        |       |        |         |        |
| 19754 | Bonnie 2d of Radnor, 41...                         | 8,184 | 339.55 | 396     | 4.15   |
|       | Owned by J. W. Clise, Redmond, Wash.               |       |        |         |        |
| 27313 | Howie's Rosalie, 577 .....                         | 8,163 | 292.24 | 341     | 3.59   |
|       | Owned by J. W. Ogden, Morristown, N. J.            |       |        |         |        |
| 26101 | Sunnyside Nora 2d, 413....                         | 8,104 | 327.48 | 382     | 4.04   |
|       | Owned by J. W. Ogden, Morristown, N. J.            |       |        |         |        |
| 25552 | Carrie's Sunbeam, 459.....                         | 8,068 | 322.35 | 376     | 4.     |
|       | Owned by Friends' Asylum, Frankford, Pa.           |       |        |         |        |
| 26159 | Pansy Earl, 283 .....                              | 8,060 | 359.48 | 420     | 4.46   |
|       | Owned by M. J. Karr & Son, Almond, N. Y.           |       |        |         |        |
| 18687 | Francis of Barclay, 57.....                        | 8,047 | 345.64 | 403     | 4.3    |
|       | Owned by Geo. H. McFadden, Bryn Mawr, Pa.          |       |        |         |        |
| 24922 | Lady Earl, 284 .....                               | 8,034 | 353.69 | 413     | 4.4    |
|       | Owned by Friends' Asylum, Frankford, Pa.           |       |        |         |        |
| 25148 | Flossy J., 389 .....                               | 8,030 | 298.65 | 348     | 3.72   |
|       | Owned by Friends' Asylum, Frankford, Pa.           |       |        |         |        |
| 23996 | Maud Douglas, 239 .....                            | 8,011 | 278.20 | 325     | 3.47   |
|       | Owned by Hill Top Farm, Wheeling, W. Va.           |       |        |         |        |
| 27035 | Pink Ayer of Sunnyside, 522                        | 7,996 | 276.25 | 322     | 3.45   |
|       | Owned by C. W. Lewis & Sons, Alfred Station, N. Y. |       |        |         |        |
| 21694 | Eunie of Highland, 172....                         | 7,988 | 349.64 | 408     | 4.38   |
|       | Owned by John R. Valentine, Bryn Mawr, Pa.         |       |        |         |        |
| 21109 | Crimson Rambler, 61.....                           | 7,988 | 277.56 | 324     | 3.47   |
|       | Owned by Geo. F. Stone, Littleton, Mass.           |       |        |         |        |
| 28574 | Mina H., 471 .....                                 | 7,981 | 279.98 | 327     | 3.51   |
|       | Owned by A. A. Hunnewell, New Gloucester, Me.      |       |        |         |        |
| 27311 | Howie's Dandy Jean, 480...                         | 7,963 | 347.70 | 406     | 4.37   |
|       | Owned by J. W. Ogden, Morristown, N. J.            |       |        |         |        |
| 23871 | Chapelhill Bully, 162.....                         | 7,962 | 299.13 | 349     | 3.76   |
|       | Owned by J. W. Clise, Redmond, Wash.               |       |        |         |        |
| 23929 | Fleet Fizzaway, 341 .....                          | 7,927 | 313.50 | 366     | 3.96   |
|       | Owned by J. F. Converse, Woodville, N. Y.          |       |        |         |        |
| 20613 | Queen of Seattle, 65.....                          | 7,896 | 318.12 | 371     | 4.03   |
|       | Owned by J. W. Clise, Redmond, Wash.               |       |        |         |        |
| 20366 | Isabella of Sand Hill, 50...                       | 7,887 | 323.15 | 377     | 4.09   |
|       | Owned by S. S. Karr & Son, Almond, N. Y.           |       |        |         |        |
| 24833 | Douglas Daisy Queen, 161...                        | 7,886 | 279.42 | 326     | 3.54   |
|       | Owned by Hill Top Farm, Wheeling, W. Va.           |       |        |         |        |

## TWO YEAR OLD FORM—Continued.

|       |  | Lbs.<br>Milk. | Lbs.<br>Fat. | Lbs.<br>Butter. | % Fat. |
|-------|--|---------------|--------------|-----------------|--------|
| 24709 | White Rose Barcheskie, 503.<br>Owned by P. Ryan, Brewster, N. Y.                     | 7,859         | 314.43       | 367             | 4.     |
| 20902 | Dorinda, 167 .....<br>Owned by Henry Dorrance, Plainfield, Conn.                     | 7,855         | 302.77       | 353             | 3.85   |
| 21250 | Princess of Highland 2d, 77.<br>Owned by John R. Valentine, Bryn Mawr, Pa.           | 7,795         | 316.96       | 370             | 4.07   |
| 23551 | Lady Quality, 225.....<br>Owned by Percival Roberts, Jr., Narberth, Pa.              | 7,792         | 319.11       | 372             | 4.1    |
| 20511 | Rose Eaton, 80 .....<br>Owned by C. M. Winslow, Brandon, Vt.                         | 7,783         | 277.98       | 324             | 3.57   |
| 18690 | Lilac of Radnor, 43.....<br>Owned by Geo. H. McFadden, Bryn Mawr, Pa.                | 7,778         | 305.30       | 356             | 3.92   |
| 17430 | Petrina of Woodview, 22....<br>Owned by W. V. Probasco, Cream Ridge, N. J.           | 7,776         | 344.78       | 402             | 4.44   |
| 27763 | First Quarter, 510 .....<br>Owned by A. B. McConnell & Sons, Wellington, Ohio.       | 7,763         | 350.78       | 409             | 4.52   |
| 26016 | Monarch's White Lily, 400..<br>Owned by Ashley Farm, Media, Pa.                      | 7,749         | 339.98       | 397             | 4.39   |
| 26447 | Pride of Wind Crest Farm,<br>449 .....<br>Owned by W. S. Cramton, No. Clarendon, Vt. | 7,749         | 289.72       | 338             | 3.74   |
| 27208 | Madonna's Dandy, 214.....<br>Owned by P. Ryan, Brewster, N. Y.                       | 7,721         | 305.21       | 356             | 3.95   |
| 22473 | Ruth of Sand Hill, 69.....<br>Owned by S. S. Karr & Son, Almond, N. Y.               | 7,699         | 309.29       | 361             | 4.02   |
| 26290 | Johanah of Juneau, 473....<br>Owned by Kansas State Agr'l College, Manhattan, Kan.   | 7,687         | 291.77       | 340             | 3.79   |
| 23774 | Bell of Hill View, 348.....<br>Owned by A. B. McConnell & Sons, Wellington, Ohio.    | 7,678         | 318.26       | 371             | 4.14   |
| 23322 | Dora of Sand Hill, 166....<br>Owned by S. S. Karr & Son, Almond, N. Y.               | 7,622         | 312.89       | 365             | 4.1    |
| 25492 | Mahoning Bell, 423.....<br>Owned by Hill Top Farm, Wheeling, W. Va.                  | 7,617         | 307.40       | 359             | 4.04   |
| 23927 | Princess Fizzaway .....<br>Owned by J. F. Converse, Woodville, N. Y.                 | 7,602         | 296.40       | 346             | 3.90   |
| 26990 | Douglas Baby, 356 .....<br>Owned by Hill Top Farm, Wheeling, W. Va.                  | 7,599         | 314.22       | 367             | 4.14   |
| 17900 | Buttercup of Rosemont, 55..<br>Owned by Geo. H. McFadden, Bryn Mawr, Pa.             | 7,584         | 304.38       | 355             | 4.01   |
| 15364 | Lizzie Muriel, 20 .....<br>Owned by C. M. Winslow, Brandon, Vt.                      | 7,583         | 288.98       | 337             | 3.81   |
| 27903 | Viola Lind, 469 .....<br>Owned by Hill Top Farm, Wheeling, W. Va.                    | 7,546         | 303.37       | 354             | 4.02   |
| 27315 | Grange Firefly, 578 .....<br>Owned by J. W. Ogden, Morristown, N. J.                 | 7,535         | 303.79       | 354             | 4.03   |
| 26155 | Marigold T., 332 .....<br>Owned by S. S. Karr & Son, Almond, N. Y.                   | 7,503         | 331.89       | 387             | 4.42   |
| 19615 | Myrtle K., 49 .....<br>Owned by Walter D. Turner, Moretown, Vt.                      | 7,497         | 250.10       | 292             | 3.34   |
| 27342 | Imp. Straith Lady Laurie, 553<br>Owned by Cornell University, Ithaca, N. Y.          | 7,454         | 296.55       | 346             | 3.98   |
| 24581 | Crimson Miss, 285 .....<br>Owned by Geo. F. Stone, Littleton, Mass.                  | 7,440         | 313.60       | 366             | 4.21   |

## TWO YEAR OLD FORM—Continued.

|       |  | Lbs.  | Lbs.   | Lbs.    |        |
|-------|--|-------|--------|---------|--------|
|       |  | Milk. | Fat.   | Butter. | % Fat. |
| 27338 | Imp. Foulton Primrose, 554.<br>Owned by H. W. Parday, Segreganset, Mass.   | 7,439 | 315.42 | 368     | 4.24   |
| 26941 | Soon, 429 .....<br>Owned by W. V. Probasco, Cream Ridge, N. J.             | 7,434 | 303.8  | 354     | 4.09   |
| 24178 | Eve of Spring Hill 2d, 304..<br>Owned by C. A. Griscom, Haverford, Pa.     | 7,415 | 328.49 | 383     | 4.43   |
| 13688 | Rose Dolman, 21 .....<br>Owned by C. M. Winslow, Brandon, Vt.              | 7,409 | 270.65 | 316     | 3.65   |
| 27970 | Tilly Tibbie of Torr, 468...<br>Owned by John R. Valentine, Bryn Mawr, Pa. | 7,390 | 275.77 | 322     | 3.73   |
| 21763 | Jerusha of Bell Farm, 173..<br>Owned by Chas. J. Bell, Hollis, N. H.       | 7,380 | 280.33 | 327     | 3.66   |
| 25398 | Willowmoor Happy Girl, 427<br>Owned by J. W. Clise, Redmond, Wash.         | 7,371 | 301.68 | 352     | 4.09   |
| 21246 | Kitty K. 3d, 68 .....<br>Owned by John R. Valentine, Bryn Mawr, Pa.        | 7,364 | 329.18 | 384     | 4.47   |
| 24261 | Hazel of Stanley, 361 .....<br>Owned by C. A. Griscom, Haverford, Pa.      | 7,337 | 290.45 | 339     | 3.96   |
| 23164 | Phoebe of Hillview, 346....<br>Owned by W. W. Blake Arkcoll, Paoli, Pa.    | 7,311 | 307.49 | 359     | 4.2    |
| 20365 | Bessie of Sand Hill, 52....<br>Owned by S. S. Karr & Son, Almond, N. Y.    | 7,307 | 321.97 | 376     | 4.41   |
| 23931 | Enid Fizzaway, 411 .....<br>Owned by J. F. Converse, Woodville, N. Y.      | 7,304 | 305.77 | 357     | 4.19   |
| 27262 | Emma Clyde, 499 .....<br>Owned by S. S. Karr & Son, Almond, N. Y.          | 7,280 | 334.71 | 390     | 4.6    |
| 22134 | Lilac 3d of Radnor, 219....<br>Owned by Geo. H. McFadden, Bryn Mawr, Pa.   | 7,220 | 337.37 | 394     | 4.7    |
| 24467 | Princess C. 2d, 561.....<br>Owned by Hart Wallace, Shelbyville, Ky.        | 7,218 | 280.52 | 327     | 3.89   |
| 24721 | Eliza T., 326 .....<br>Owned by S. S. Karr & Son, Almond, N. Y.            | 7,216 | 317.36 | 370     | 4.4    |
| 20901 | Hilda Fryer, 171 .....<br>Owned by Henry Dorrance, Plainfield, Conn.       | 7,202 | 272.52 | 318     | 3.78   |
| 18262 | Myrtle Kilbowie, 60 .....<br>Owned by C. M. Winslow, Brandon, Vt.          | 7,199 | 280.81 | 328     | 3.90   |
| 28055 | Daisy Hebron of Almond, 488<br>Owned by M. J. Karr & Son, Almond, N. Y.    | 7,178 | 308.49 | 360     | 4.29   |
| 18253 | Sibyl Corslet, 47 .....<br>Owned by C. M. Winslow, Brandon, Vt.            | 7,170 | 271.60 | 317     | 3.78   |
| 17432 | Megsy Tipperlin, 76 .....<br>Owned by W. V. Probasco, Cream Ridge, N. J.   | 7,117 | 272.50 | 318     | 3.83   |
| 15029 | Rose Brodick, 26 .....<br>Owned by C. M. Winslow, Brandon, Vt.             | 7,117 | 266.76 | 311     | 3.74   |
| 27265 | Anna T., 439 .....<br>Owned by S. S. Karr & Son, Almond, N. Y.             | 7,114 | 319.37 | 375     | 4.49   |
| 20180 | Bell Ayer, 56 .....<br>Owned by John R. Valentine, Bryn Mawr, Pa.          | 7,111 | 309.71 | 361     | 4.36   |
| 27418 | Lena Brown, 529 .....<br>Owned by A. F. Spooner, Richville, N. Y.          | 7,106 | 280.19 | 327     | 3.94   |
| 20182 | Starlass, 175 .....<br>Owned by John R. Valentine, Bryn Mawr, Pa.          | 7,095 | 268.08 | 313     | 3.78   |



RYANOGUE AYRSIRES

## TWO YEAR OLD FORM—Continued.

|       |  | Lbs.<br>Milk. | Lbs.<br>Fat. | Lbs.<br>Butter. | % Fat. |
|-------|--|---------------|--------------|-----------------|--------|
| 22763 | Crimson Maid, 160 .....                            | 7,090         | 290.48       | 339             | 4.1    |
|       | Owned by Geo. F. Stone, Littleton, Mass.           |               |              |                 |        |
| 23018 | Maria of Bell Farm, 229....                        | 7,088         | 257.36       | 301             | 3.63   |
|       | Owned by C. J. Bell, Hollis, N. H.                 |               |              |                 |        |
| 27036 | Beauty Armour of Sunnyside,<br>521 .....           | 7,082         | 266.45       | 311             | 3.76   |
|       | Owned by C. W. Lewis & Sons, Alfred Station, N. Y. |               |              |                 |        |
| 18249 | Oshawa Lady 2d, 78.....                            | 7,074         | 298.67       | 349             | 4.22   |
|       | Owned by John R. Valentine, Bryn Mawr, Pa.         |               |              |                 |        |
| 26480 | June Lassie, 409 .....                             | 7,067         | 282.59       | 330             | 4.     |
|       | Owned by Hill Top Farm, Wheeling, W. Va.           |               |              |                 |        |
| 27316 | Hindsward Pretty Nancy, 580                        | 7,064         | 256.69       | 299             | 3.63   |
|       | Owned by J. W. Ogden, Morristown, N. J.            |               |              |                 |        |
| 24281 | Willowmoor Marjory Doug-<br>lass, 286 .....        | 7,061         | 244.58       | 285             | 3.46   |
|       | Owned by J. W. Clise, Redmond, Wash.               |               |              |                 |        |
| 17431 | Felicia of Woodview, 64....                        | 7,048         | 279.46       | 326             | 3.97   |
|       | Owned by W. V. Probasco, Cream Ridge, N. J.        |               |              |                 |        |
| 26491 | Hattie of Wind Crest, 397..                        | 7,029         | 262.74       | 307             | 3.74   |
|       | Owned by W. S. Cramton, Rutland, Vt.               |               |              |                 |        |
| 28502 | Flossie of Penshurst, 443..                        | 7,016         | 269.37       | 314             | 3.84   |
|       | Owned by Percival Roberts, Jr., Narberth, Pa.      |               |              |                 |        |
| 27902 | Queen Beckey, 508 .....                            | 6,964         | 292.01       | 341             | 4.2    |
|       | Owned by Hill Top Farm, Wheeling, W. Va.           |               |              |                 |        |
| 28503 | Wee Jenny's Beauty, 446...                         | 6,963         | 283.23       | 330             | 4.07   |
|       | Owned by Percival Roberts, Jr., Narberth, Pa.      |               |              |                 |        |
| 21247 | Rena Ayer, 72 .....                                | 6,929         | 306.72       | 357             | 4.42   |
|       | Owned by John R. Valentine, Bryn Mawr, Pa.         |               |              |                 |        |
| 20876 | Spotted Lola, 165 .....                            | 6,924         | 289.18       | 337             | 4.18   |
|       | Owned by Geo. H. McFadden, Bryn Mawr, Pa.          |               |              |                 |        |
| 24007 | Daisy Jewess 4th, 227.....                         | 6,923         | 244.85       | 286             | 3.54   |
|       | Owned by Hill Top Farm, Wheeling, W. Va.           |               |              |                 |        |
| 26943 | Marcia Ayer, 452 .....                             | 6,912         | 283.8        | 331             | 4.11   |
|       | Owned by W. V. Probasco, Cream Ridge, N. J.        |               |              |                 |        |
| 24821 | Magnolia B., 327 .....                             | 6,901         | 245.33       | 286             | 3.55   |
|       | Owned by Chas. J. Bell, Hollis, N. H.              |               |              |                 |        |
| 18695 | May Rose of Radnor, 39....                         | 6,898         | 288.86       | 337             | 4.14   |
|       | Owned by Geo. H. McFadden, Bryn Mawr, Pa.          |               |              |                 |        |
| 25369 | Melba of Bell Farm, 358....                        | 6,874         | 241.60       | 283             | 3.52   |
|       | Owned by Chas. J. Bell, Hollis, N. H.              |               |              |                 |        |
| 24789 | Mattie Avondale, 481.....                          | 6,866         | 237.77       | 277             | 3.46   |
|       | Owned by Francis Lynde Stetson, Sterlington, N. Y. |               |              |                 |        |
| 24264 | Daisy Belle, 402 .....                             | 6,859         | 289.77       | 338             | 4.22   |
|       | Owned by C. A. Griscom, Haverford, Pa.             |               |              |                 |        |
| 29121 | Winnie K. 2d, 412.....                             | 6,848         | 310.42       | 362             | 4.54   |
|       | Owned by W. V. Probasco, Cream Ridge, N. J.        |               |              |                 |        |
| 25549 | Betty of Hillview, 391.....                        | 6,842         | 293.65       | 343             | 4.29   |
|       | Owned by P. Ryan, Brewster, N. Y.                  |               |              |                 |        |
| 22128 | Francis 2d of Barclay, 230..                       | 6,819         | 269.54       | 314             | 3.95   |
|       | Owned by Geo. H. McFadden, Bryn Mawr, Pa.          |               |              |                 |        |
| 26940 | Queen Aileen, 456 .....                            | 6,784         | 281.29       | 328             | 4.15   |
|       | Owned by W. V. Probasco, Cream Ridge, N. J.        |               |              |                 |        |

## TWO YEAR OLD FORM—Continued.

|       |  | Lbs.<br>Milk. | Lbs.<br>Fat. | Lbs.<br>Butter. | % Fat. |
|-------|--|---------------|--------------|-----------------|--------|
| 24881 | Burnside Nora 3d, 287.....                         | 6,784         | 273.73       | 319             | 4.04   |
|       | Owned by J. W. Clise, Redmond, Wash.               |               |              |                 |        |
| 24719 | Mable of Sand Hill, 218.....                       | 6,765         | 274.66       | 320             | 4.06   |
|       | Owned by S. S. Karr & Son, Almond, N. Y.           |               |              |                 |        |
| 15242 | Katy Did, 19 .....                                 | 6,760         | 280.44       | 327             | 4.15   |
|       | Owned by W. V. Probasco, Cream Ridge, N. J.        |               |              |                 |        |
| 19936 | Ruby Russell 3d, 66.....                           | 6,760         | 246.17       | 287             | 3.63   |
|       | Owned by Henry Dorrance, Plainfield, Conn.         |               |              |                 |        |
| 26047 | Little Bell of Sunnyside, 340                      | 6,759         | 277.28       | 323             | 4.1    |
|       | Owned by C. W. Lewis & Sons, Alfred Station, N. Y. |               |              |                 |        |
| 24286 | Willowmoor Princess Lily, 426                      | 6,759         | 249.72       | 291             | 3.69   |
|       | Owned by J. W. Clise, Redmond, Wash.               |               |              |                 |        |
| 25759 | Emblem's Pure Gold, 539...                         | 6,751         | 231.92       | 271             | 3.43   |
|       | Owned by Chas. J. Bell, Hollis, N. H.              |               |              |                 |        |
| 17505 | Miss Kilbowie, 31.....                             | 6,751         | 238.31       | 278             | 3.53   |
|       | Owned by C. M. Winslow, Brandon, Vt.               |               |              |                 |        |
| 26156 | Cora T. 7th, 333.....                              | 6,734         | 299.59       | 350             | 4.46   |
|       | Owned by S. S. Karr & Son, Almond, N. Y.           |               |              |                 |        |
| 27312 | Howie's Duchess, 576.....                          | 6,704         | 283.89       | 331             | 4.23   |
|       | Owned by J. W. Ogden, Morristown, N. J.            |               |              |                 |        |
| 24284 | Willowmoor White Beauty, 288                       | 6,699         | 246.60       | 288             | 3.68   |
|       | Owned by J. W. Clise, Redmond, Wash.               |               |              |                 |        |
| 15036 | Muriel Fox, 28 .....                               | 6,685         | 263.86       | 308             | 3.94   |
|       | Owned by C. M. Winslow, Brandon, Vt.               |               |              |                 |        |
| 24005 | Douglas Daisy 2d, 222.....                         | 6,661         | 261.03       | 305             | 3.92   |
|       | Owned by Hill Top Farm, Wheeling, W. Va.           |               |              |                 |        |
| 17453 | Pearl Douglas, 54 .....                            | 6,606         | 271.72       | 317             | 4.11   |
|       | Owned by Howard Cook, Beloit, Ohio.                |               |              |                 |        |
| 24716 | Cora T. 6th, 221.....                              | 6,602         | 276.80       | 323             | 4.19   |
|       | Owned by S. S. Karr & Son, Almond, N. Y.           |               |              |                 |        |
| 20883 | Mosshawk 2d of Hindsward,<br>233 .....             | 6,595         | 287.78       | 336             | 4.36   |
|       | Owned by Percival Roberts, Jr., Narberth, Pa.      |               |              |                 |        |
| 26154 | Dew Blossom, 366 .....                             | 6,594         | 287.78       | 336             | 4.36   |
|       | Owned by M. J. Karr & Son, Almond, N. Y.           |               |              |                 |        |
| 24257 | Bertha's Dewdrop, 362.....                         | 6,573         | 270.15       | 315             | 4.11   |
|       | Owned by C. A. Griscom, Haverford, Pa.             |               |              |                 |        |
| 23542 | Royal Lily, 231 .....                              | 6,568         | 291.15       | 340             | 4.43   |
|       | Owned by Percival Roberts, Jr., Narberth, Pa.      |               |              |                 |        |
| 21254 | Colonel's Daughter, 174.....                       | 6,565         | 255.64       | 298             | 3.9    |
|       | Owned by John R. Valentine, Bryn Mawr, Pa.         |               |              |                 |        |
| 23545 | Speckled Beauty, 226.....                          | 6,564         | 261.04       | 305             | 3.98   |
|       | Owned by Percival Roberts, Jr., Narberth, Pa.      |               |              |                 |        |
| 17511 | Rose Claymore, 53.....                             | 6,542         | 268.52       | 313             | 4.1    |
|       | Owned by C. M. Winslow, Brandon, Vt.               |               |              |                 |        |
| 23321 | Cora T. 5th, 170.....                              | 6,530         | 271.79       | 317             | 4.16   |
|       | Owned by S. S. Karr & Son, Almond, N. Y.           |               |              |                 |        |
| 20614 | Mayflower of Seattle, 62....                       | 6,496         | 250.01       | 292             | 3.85   |
|       | Owned by J. W. Clise, Redmond, Wash.               |               |              |                 |        |
| 25517 | Spot of Beech Hill, 477....                        | 6,494         | 248.21       | 290             | 3.82   |
|       | Owned by C. J. Bell, Hollis, N. H.                 |               |              |                 |        |
| 17094 | Dolly Fryer 2d, 67.....                            | 6,485         | 256.16       | 299             | 3.95   |
|       | Owned by Henry Dorrance, Plainfield, Conn.         |               |              |                 |        |

## TWO YEAR OLD FORM—Continued.

|       |  |       | Lbs.<br>Milk. | Lbs.<br>Fat. | Lbs.<br>Butter. | % Fat. |
|-------|--|-------|---------------|--------------|-----------------|--------|
| 26235 | Columbia Douglas Majestic                          |       |               |              |                 |        |
|       | 518 .....  | ..... | 6,447         | 245.77       | 287             | 3.81   |
|       | Owned by Missouri Agr'l College, Columbia, Mo.     |       |               |              |                 |        |
| 27361 | Fizzaway Kate, 483.....                            | ..... | 6,432         | 277.78       | 324             | 4.32   |
|       | Owned by J. F. Converse, Woodville, N. Y.          |       |               |              |                 |        |
| 22132 | Maggie Finlayston, 235.....                        | ..... | 6,427         | 274.04       | 320             | 4.26   |
|       | Owned by Geo. H. McFadden, Bryn Mawr, Pa.          |       |               |              |                 |        |
| 22924 | Columbia Fizzaway, 224.....                        | ..... | 6,419         | 263.04       | 307             | 4.1    |
|       | Owned by Missouri Agr'l College, Columbia, Mo.     |       |               |              |                 |        |
| 24280 | Willowmoor White Lola, 289.....                    | ..... | 6,355         | 244.09       | 285             | 3.84   |
|       | Owned by J. W. Clise, Redmond, Wash.               |       |               |              |                 |        |
| 19753 | Ruth 2d of Barclay, 46.....                        | ..... | 6,338         | 299.30       | 349             | 4.72   |
|       | Owned by Geo. H. McFadden, Bryn Mawr, Pa.          |       |               |              |                 |        |
| 16672 | Ruby Douglas, 29 .....                             | ..... | 6,321         | 251.75       | 294             | 3.98   |
|       | Owned by Howard Cook, Beloit, Ohio.                |       |               |              |                 |        |
| 26922 | Kate Lewis, 478 .....                              | ..... | 6,295         | 235.95       | 276             | 3.75   |
|       | Owned by Chas. J. Bell, Hollis, N. H.              |       |               |              |                 |        |
| 20179 | Oshawa Lass of Highland 2d                         |       |               |              |                 |        |
|       | 74 .....   | ..... | 6,281         | 263.51       | 307             | 4.18   |
|       | Owned by John R. Valentine, Bryn Mawr, Pa.         |       |               |              |                 |        |
| 26018 | Sterling Lady, 401 .....                           | ..... | 6,259         | 266.16       | 310             | 4.25   |
|       | Owned by Ashley Farm, Media, Pa.                   |       |               |              |                 |        |
| 26921 | Catherene, 479 .....                               | ..... | 6,256         | 248.50       | 290             | 3.97   |
|       | Owned by Chas. J. Bell, Hollis, N. H.              |       |               |              |                 |        |
| 18252 | Rose Aileen, 51 .....                              | ..... | 6,256         | 216.49       | 253             | 3.46   |
|       | Owned by C. M. Winslow, Brandon, Vt.               |       |               |              |                 |        |
| 28056 | Mary Hebron, 451 .....                             | ..... | 6,222         | 236.         | 275             | 3.8    |
|       | Owned by M. J. Karr & Son, Almond, N. Y.           |       |               |              |                 |        |
| 24373 | Skylands Marvella, 364.....                        | ..... | 6,155         | 270.07       | 315             | 4.39   |
|       | Owned by Francis Lynde Stetson, Sterlington, N. Y. |       |               |              |                 |        |
| 27364 | Minnie Fizzaway 2d, 568....                        | ....  | 6,135         | 241.91       | 282             | 3.93   |
|       | Owned by J. F. Converse, Woodville, N. Y.          |       |               |              |                 |        |
| 15026 | Rose Clockston, 27 .....                           | ..... | 6,135         | 214.         | 244             | 3.49   |
|       | Owned by C. M. Winslow, Brandon, Vt.               |       |               |              |                 |        |
| 15038 | Rose Foxglove, 25.....                             | ..... | 6,128         | 243.12       | 284             | 3.97   |
|       | Owned by C. M. Winslow, Brandon, Vt.               |       |               |              |                 |        |
| 15033 | Lulu Avondale, 24 .....                            | ..... | 6,122         | 257.53       | 300             | 4.21   |
|       | Owned by C. M. Winslow, Brandon, Vt.               |       |               |              |                 |        |
| 25056 | May of Hillcroft, 432.....                         | ..... | 6,114         | 258.86       | 302             | 4.24   |
|       | Owned by Matthew Hannah, Brownsville, Vt.          |       |               |              |                 |        |
| 19746 | Mosshawk of Barclay, 63..                          | ..    | 6,086         | 256.60       | 299             | 4.22   |
|       | Owned by J. W. Clise, Redmond, Wash.               |       |               |              |                 |        |
| 25370 | Minnie of Bell Farm, 376..                         | ..    | 6,085         | 214.86       | 251             | 3.53   |
|       | Owned by Chas. J. Bell, Hollis, N. H.              |       |               |              |                 |        |
| 23549 | Lady's Princess, 220.....                          | ..... | 6,044         | 259.75       | 303             | 4.23   |
|       | Owned by Percival Roberts, Jr., Narberth, Pa.      |       |               |              |                 |        |
| 27243 | Lily Glenwood, 408 .....                           | ..... | 6,034         | 251.69       | 294             | 4.17   |
|       | Owned by Geo. F. Stone, Littleton, Mass.           |       |               |              |                 |        |
| 20615 | Blossom of Seattle, 38.....                        | ..... | 6,027         | 255.98       | 299             | 4.24   |
|       | Owned by J. W. Clise, Redmond, Wash.               |       |               |              |                 |        |
| 17507 | Rose Crashaw, 45 .....                             | ..... | 5,995         | 230.34       | 269             | 3.84   |
|       | Owned by C. M. Winslow, Brandon, Vt.               |       |               |              |                 |        |



GENEVIEVE F. 2ND  
Owned by P. Ryan, Brewster, N. Y.



BERWINE  
Owned by Dudley Wells, Wetherfield, Conn.  
Mature Class. 13,261 lbs. of milk, 449.66 lbs. of fat, equal to 525 lbs.  
of butter with 3.39% fat.

TWO YEAR OLD FORM—*Continued.*

|       |                                      | Lbs.<br>Milk. | Lbs.<br>Fat. | Lbs.<br>Butter. | % Fat. |
|-------|--------------------------------------|---------------|--------------|-----------------|--------|
| 18264 | Muriel Girl, 42 .....                | 5,914         | 243.96       | 285             | 4.13   |
|       | Owned by C. M. Winslow, Brandon, Vt. |               |              |                 |        |
| 15035 | Rose Ascott, 30 .....                | 5,621         | 208.11       | 243             | 3.72   |
|       | Owned by C. M. Winslow, Brandon, Vt. |               |              |                 |        |
| 18043 | Lady Wonder 4th, 48.....             | 5,606         | 210.45       | 246             | 3.74   |
|       | Owned by C. M. Winslow, Brandon, Vt. |               |              |                 |        |
| 17512 | Florine Corslet, 40 .....            | 5,504         | 214.60       | 250             | 3.9    |
|       | Owned by C. M. Winslow, Brandon, Vt. |               |              |                 |        |

## THREE YEAR OLD FORM

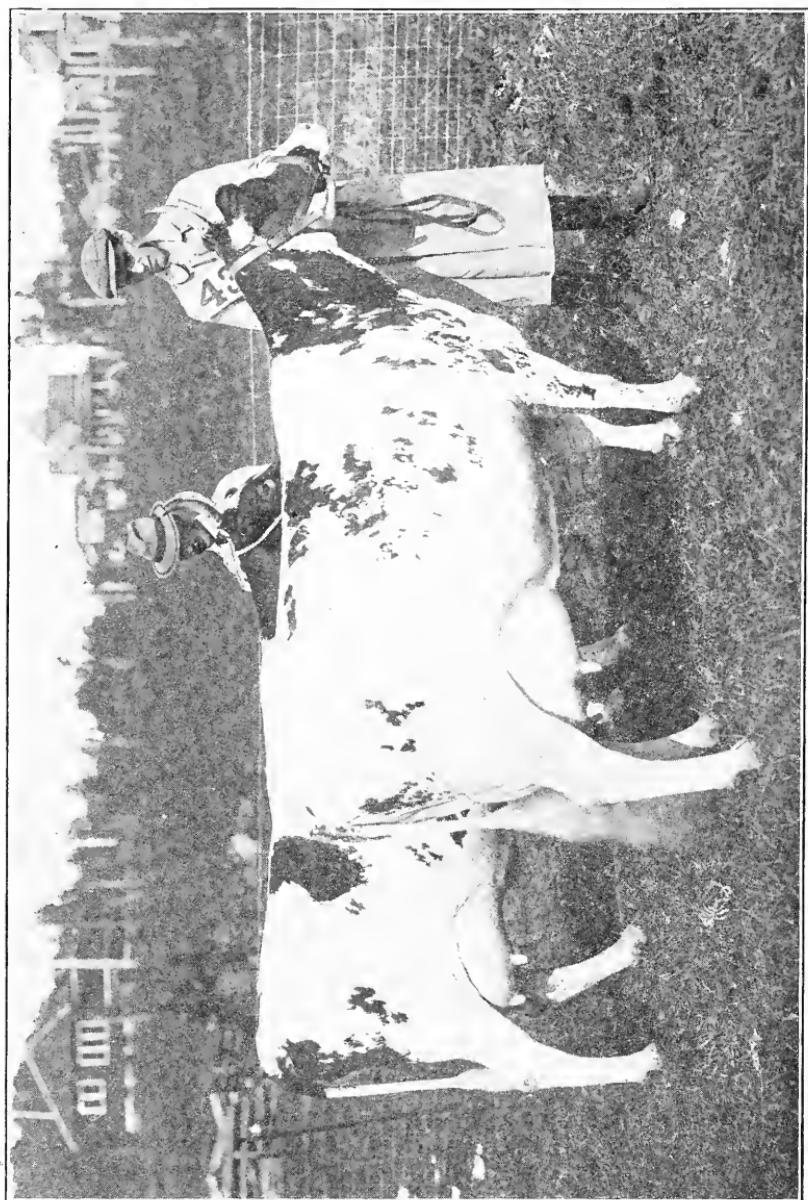
|       |   | Lbs.<br>Milk. | Lbs.<br>Fat. | Lbs.<br>Butter. | % Fat. |
|-------|---|---------------|--------------|-----------------|--------|
| 23584 | McAlister's Betty, 223 (2d<br>entry) .....          | 14,208        | 581.41       | 678             | 4.09   |
|       | Owned by Percival Roberts, Jr., Narberth, Pa.       |               |              |                 |        |
| 23323 | Matie of Sand Hill, 164 (2d<br>entry) .....         | 13,897        | 593.16       | 692             | 4.32   |
|       | Owned by S. S. Karr & Son, Almond, N. Y.            |               |              |                 |        |
| 26582 | Ithan 5th, 355 (2d entry)...                        | 13,180        | 558.07       | 651             | 4.24   |
|       | Owned by John R. Valentine, Bryn Mawr, Pa.          |               |              |                 |        |
| 24719 | Mable of Sand Hill, 218 (2d<br>entry) .....         | 12,857        | 501.06       | 585             | 3.87   |
|       | Owned by S. S. Karr & Son, Almond, N. Y.            |               |              |                 |        |
| 22269 | Lily of Willowmoor, 299 (2d<br>entry) .....         | 12,730        | 479.56       | 561             | 3.77   |
|       | Owned by J. W. Clise, Redmond, Wash.                |               |              |                 |        |
| 24176 | Bernice Clyde, 323 .....                            | 12,505        | 529.36       | 618             | 4.23   |
|       | Owned by S. S. Karr & Son, Almond, N. Y.            |               |              |                 |        |
| 27784 | Little Rose Drummond, 572..                         | 12,423        | 408.68       | 477             | 3.29   |
|       | Owned by F. W. Spalding, Poultney, Vt.              |               |              |                 |        |
| 26013 | Keepsake 2d, 330 .....                              | 12,235        | 534.38       | 623             | 4.37   |
|       | Owned by John R. Valentine, Bryn Mawr, Pa.          |               |              |                 |        |
| 25295 | Rena Ross 2d, 438.....                              | 12,046        | 467.8        | 546             | 3.88   |
|       | Owned by John R. Valentine, Bryn Mawr, Pa.          |               |              |                 |        |
| 23010 | Dorothy of Orono, 526.....                          | 11,463        | 415.71       | 485             | 3.63   |
|       | Owned by University of Maine, Orono, Me.            |               |              |                 |        |
| 21255 | Curfew Bell, 180 .....                              | 11,181        | 502.99       | 587             | 4.5    |
|       | Owned by John R. Valentine, Bryn Mawr, Pa.          |               |              |                 |        |
| 27958 | Imp. White Heather of Torr,<br>507 .....            | 10,887        | 449.58       | 525             | 4.13   |
|       | Owned by John R. Valentine, Bryn Mawr, Pa           |               |              |                 |        |
| 24004 | Miss Nox 2d, 416.....                               | 10,791        | 418.03       | 488             | 3.98   |
|       | Owned by Hill Top Farm, Wheeling, W. Va.            |               |              |                 |        |
| 22652 | Drummond's Gem, 187.....                            | 10,746        | 359.38       | 419             | 3.34   |
|       | Owned by Hill Top Farm, Wheeling, W. Va.            |               |              |                 |        |
| 24281 | Willowmoor Marjory Douglas,<br>268 (2d entry) ..... | 10,617        | 361.31       | 422             | 3.4    |
|       | Owned by J. W. Clise, Redmond, Wash.                |               |              |                 |        |
| 21850 | Madonna Lass 3d, 185.....                           | 10,467        | 429.85       | 501             | 4.1    |
|       | Owned by Hill Top Farm, Wheeling, W. Va.            |               |              |                 |        |

## THREE YEAR OLD FORM—Continued.

|       |   | Lbs.<br>Milk. | Lbs.<br>Fat. | Lbs.<br>Butter. | % Fat. |
|-------|---|---------------|--------------|-----------------|--------|
| 19490 | Jennie of Sand Hill, 188....<br>Owned by S. S. Karr & Son, Almond, N. Y.                    | 10,160        | 437.16       | 510             | 4.3    |
| 26014 | Megsy Tipperlin 3d, 331 (2d<br>entry) .....<br>Owned by John R. Valentine, Bryn Mawr, Pa.   | 10,126        | 381.65       | 445             | 3.77   |
| 19833 | Sweet Josie, 98 .....<br>Owned by J. W. Clise, Redmond, Wash.                               | 10,103        | 406.90       | 475             | 4.02   |
| 22563 | Queen Ester, 247 .....<br>Owned by H. C. Groome, Warrenton, Va.                             | 9,998         | 330.48       | 386             | 3.3    |
| 24304 | Blae Bluid, 552 .....<br>Owned by A. F. Spooner, Richville, N. Y.                           | 9,962         | 407.71       | 476             | 4.1    |
| 22419 | Norwood Model, 280 .....<br>Owned by J. W. Ogden, Morristown, N. J.                         | 9,867         | 336.57       | 393             | 3.41   |
| 24674 | Auchenbrain Favorite Beauty,<br>6th, 242 .....<br>Owned by Geo. H. McFadden, Bryn Mawr, Pa. | 9,842         | 469.43       | 548             | 4.77   |
| 25367 | Josie of Bell Farm, 329....<br>Owned by Chas. J. Bell, Hollis, N. H.                        | 9,831         | 347.61       | 406             | 3.54   |
| 19487 | Midget of Sand Hill, 89....<br>Owned by S. S. Karr & Son, Almond, N. Y.                     | 9,824         | 361.44       | 422             | 3.69   |
| 23551 | Lady Quality, 225 (2d entry)<br>Owned by Percival Roberts, Jr., Narberth, Pa.               | 9,816         | 404.26       | 472             | 4.12   |
| 22955 | Annie May Louvan, 490....<br>Owned by A. F. Spooner, Richville, N. Y.                       | 9,803         | 397.25       | 463             | 4.05   |
| 23691 | Beubiolah Fox, 530 .....<br>Owned by A. F. Spooner, Richville, N. Y.                        | 9,713         | 387.10       | 452             | 3.99   |
| 20324 | Daisy Jewess 3d, 97.....<br>Owned by Hill Top Farm, Wheeling, W. Va.                        | 9,665         | 356.57       | 416             | 3.70   |
| 23077 | Lucy J., 321 .....<br>Owned by Friends' Asylum, Frankford, Pa.                              | 9,652         | 407.35       | 475             | 4.23   |
| 17452 | Eugenie Douglas, 83 .....<br>Owned by Howard Cook, Beloit, Ohio.                            | 9,587         | 380.44       | 444             | 3.97   |
| 19507 | Lady Burton, 184 .....<br>Owned by Chas. J. Bell, Hollis, N. H.                             | 9,580         | 326.95       | 381             | 3.41   |
| 22213 | Babe's Duchess, 102 .....<br>Owned by Hill Top Farm, Wheeling, W. Va.                       | 9,559         | 386.60       | 451             | 4.04   |
| 20528 | Bernice Sebastian, 243.....<br>Owned by J. F. Butterfield Co., So. Montrose, Pa.            | 9,467         | 356.10       | 415             | 3.76   |
| 24717 | Blanche of Sand Hill, 324<br>(2d entry) .....<br>Owned by S. S. Karr & Son, Almond, N. Y.   | 9,267         | 359.18       | 419             | 3.88   |
| 24677 | Barcheskie Gwynette, 241..<br>Owned by Geo. H. McFadden, Bryn Mawr, Pa.                     | 9,234         | 415.10       | 484             | 4.49   |
| 22350 | Bell of Hillcroft, 431.....<br>Owned by Matthew Hannah, Brownsville, Vt.                    | 9,139         | 382.02       | 446             | 4.18   |
| 25293 | Finlayston's Fern, 238 (2d<br>entry) .....<br>Owned by John R. Valentine, Bryn Mawr, Pa.    | 9,113         | 340.82       | 398             | 3.74   |
| 25368 | Mona of Bell Farm, 359....<br>Owned by Chas. J. Bell, Hollis, N. H.                         | 9,084         | 320.77       | 374             | 3.53   |
| 19504 | Yucca Douglas, 183 .....<br>Owned by Chas. J. Bell, Hollis, N. H.                           | 9,049         | 317.77       | 371             | 3.51   |
| 28060 | Grace of Hillview, 557.....<br>Owned by Hart Wallace, Shelbyville, Ky.                      | 9,046         | 358.56       | 418             | 3.96   |

THREE YEAR OLD FORM—*Continued.*

|       |  | Lbs.  | Lbs.   | Lbs.    |        |
|-------|--|-------|--------|---------|--------|
|       |  | Milk. | Fat.   | Butter. | % Fat. |
| 22465 | Winnie K., 398 .....                               | 8,982 | 420.76 | 491     | 4.84   |
|       | Owned by W. V. Probasco, Cream Ridge, N. J.        |       |        |         |        |
| 15263 | Belle's Cherry, 18 .....                           | 8,871 | 361.25 | 421     | 4.07   |
|       | Owned by Howard Cook, Beloit, Ohio.                |       |        |         |        |
| 25159 | Jenette Douglas, 550 .....                         | 8,854 | 323.51 | 377     | 3.66   |
|       | Owned by A. F. Spooner, Richville, N. Y.           |       |        |         |        |
| 26154 | Dew Blossom, 366 (2d entry)                        | 8,835 | 381.31 | 445     | 4.32   |
|       | Owned by M. J. Karr & Son, Almond, N. Y.           |       |        |         |        |
| 22763 | Crimson Maid, 160 (2d ent.)                        | 8,811 | 358.98 | 419     | 4.09   |
|       | Owned by Geo. F. Stone, Littleton, Mass.           |       |        |         |        |
| 24721 | Eliza T., 326 (2d entry)....                       | 8,787 | 355.8  | 415     | 4.05   |
|       | Owned by Cornell University, Ithaca, N. Y.         |       |        |         |        |
| 23078 | Nellie Hebron, 498 .....                           | 8,726 | 394.59 | 460     | 4.52   |
|       | Owned by S. S. Karr & Son, Almond, N. Y.           |       |        |         |        |
| 23289 | Pauline Ayer of Sunnyside,                         |       |        |         |        |
|       | 322 .....  | 8,711 | 343.90 | 401     | 3.95   |
|       | Owned by C. W. Lewis & Sons, Alfred Station, N. Y. |       |        |         |        |
| 23405 | Ann of Highland, 519.....                          | 8,651 | 322.43 | 376     | 3.73   |
|       | Owned by H. C. Groome, Warrenton, Va.              |       |        |         |        |
| 18680 | Amelia Sebastian, 248.....                         | 8,604 | 355.66 | 415     | 4.13   |
|       | Owned by J. F. Butterfield Co., So. Montrose, Pa   |       |        |         |        |
| 19752 | Cherry of Barclay, 179.....                        | 8,599 | 371.13 | 433     | 4.32   |
|       | Owned by J. W. Clise, Redmond, Wash.               |       |        |         |        |
| 17256 | Lady Bell 4th, 91.....                             | 8,516 | 374.63 | 437     | 4.40   |
|       | Owned by John R. Valentine, Bryn Mawr, Pa.         |       |        |         |        |
| 25011 | Queen of Wood's Hill 2d, 328                       | 8,507 | 287.51 | 335     | 3.38   |
|       | Owned by Chas. J. Bell, Hollis, N. H.              |       |        |         |        |
| 22487 | Fidelia Fizzaway, 349.....                         | 8,502 | 379.47 | 443     | 4.46   |
|       | Owned by J. F. Converse, Woodville, N. Y.          |       |        |         |        |
| 21795 | Irene Douglas, 189 .....                           | 8,490 | 339.94 | 397     | 4.     |
|       | Owned by Hill Top Farm, Wheeling, W. Va.           |       |        |         |        |
| 24284 | Willowmoor White Beauty,                           |       |        |         |        |
|       | 288 (2d entry) .....                               | 8,457 | 316.64 | 369     | 3.74   |
|       | Owned by J. W. Clise, Redmond, Wash.               |       |        |         |        |
| 24253 | Clover Maid's Blossom, 532.                        | 8,441 | 321.82 | 375     | 3.81   |
|       | Owned by Branford Farms, Groton, Conn.             |       |        |         |        |
| 23101 | Crimson Lady, 290 .....                            | 8,376 | 349.   | 407     | 4.17   |
|       | Owned by Geo. F. Stone, Littleton, Mass.           |       |        |         |        |
| 17255 | Nellie of Highland, 100.....                       | 8,374 | 331.82 | 387     | 3.97   |
|       | Owned by John R. Valentine, Bryn Mawr, Pa.         |       |        |         |        |
| 19897 | Queen S., 191 .....                                | 8,362 | 281.59 | 329     | 3.37   |
|       | Owned by W. V. Probasco, Cream Ridge, N. J.        |       |        |         |        |
| 21253 | Ithan 3d, 177 .....                                | 8,360 | 347.23 | 405     | 4.15   |
|       | Owned by John R. Valentine, Bryn Mawr, Pa.         |       |        |         |        |
| 23654 | Janet Laing, 517 .....                             | 8,354 | 294.73 | 344     | 3.52   |
|       | Owned by H. C. Groome, Warrenton, Va.              |       |        |         |        |
| 26992 | Addington Queen 2d, 281 (2d entry) .....           | 8,339 | 311.25 | 363     | 3.73   |
|       | Owned by Hill Top Farm, Wheeling, W. Va.           |       |        |         |        |
| 22218 | Broomhill Dairymaid, 99...                         | 8,326 | 319.13 | 372     | 3.84   |
|       | Owned by Geo. H. McFadden, Bryn Mawr, Pa.          |       |        |         |        |
| 21695 | Mabelle of Highland, 232 (2d entry) .....          | 8,313 | 309.05 | 361     | 3.72   |
|       | Owned by John R. Valentine, Bryn Mawr, Pa.         |       |        |         |        |



OLDHALL LADYSMITH 4TH  
BOGHALL SNOWDROP 2ND

THREE YEAR OLD FORM—*Continued.*

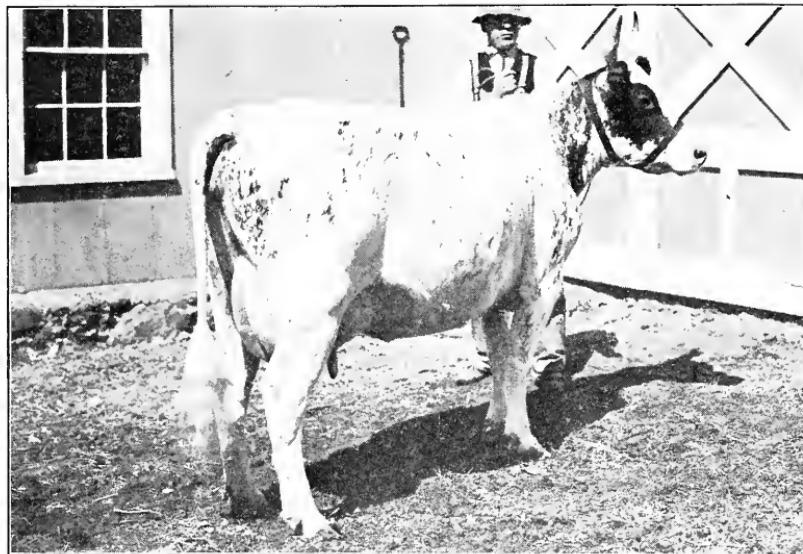
|       |  | Lbs.<br>Milk. | Lbs.<br>Fat. | Lbs.<br>Butter. | % Fat. |
|-------|--|---------------|--------------|-----------------|--------|
| 25052 | Buttercup of Hillcroft, 415..<br>Owned by H. W. Pardey, Segreganset, Mass.           | 8,287         | 330.43       | 386             | 3.99   |
| 18247 | Kitty K. 2d, 92.....<br>Owned by John R. Valentine, Bryn Mawr, Pa.                   | 8,255         | 351.97       | 411             | 4.26   |
| 18681 | Angeline Sebastian, 94.....<br>Owned by J. F. Butterfield Co., So. Montrose, Pa.     | 8,176         | 340.30       | 397             | 4.16   |
| 23494 | Daisy of Bryn Mawr, 414..<br>Owned by Branford Farms, Groton, Conn.                  | 8,163         | 325.15       | 379             | 3.99   |
| 22219 | Barleith Snowdrop, 101.....<br>Owned by Geo. H. McFadden, Bryn Mawr, Pa.             | 8,158         | 298.98       | 349             | 3.65   |
| 20802 | Lady Redwood, 244 ..<br>Owned by E. J. Fletcher, Greenfield, N. H.                   | 8,141         | 289.17       | 337             | 3.55   |
| 27550 | Imp. Hobslan Miss May, 537<br>Owned by P. Ryan, Brewster, N. Y.                      | 8,132         | 321.06       | 375             | 3.95   |
| 18821 | Lady Rotha, 82 ..<br>Owned by J. W. Clise, Redmond, Wash.                            | 8,101         | 315.17       | 368             | 3.89   |
| 27310 | Imp. Burnhouses Yellow Bess<br>2d, 579 ..<br>Owned by J. W. Ogden, Morristown, N. J. | 8,056         | 324.09       | 378             | 4.02   |
| 24340 | Lady Ratcliffe 3d, 306.....<br>Owned by Dudley Wells & Son, Wethersfield, Conn.      | 8,050         | 388.11       | 453             | 4.2    |
| 26157 | May Hebron 2d, 308 (2d<br>entry) ..<br>Owned by M. J. Karr & Son, Almond, N. Y.      | 8,049         | 304.5        | 355             | 3.78   |
| 26313 | Imp. Torrs Sibella, 447.....<br>Owned by J. W. Ogden, Morristown, N. J.              | 8,002         | 326.41       | 381             | 4.08   |
| 21009 | Crimson Rambler, 61 (2d<br>entry) ..<br>Owned by Geo. F. Stone, Littleton, Mass.     | 8,001         | 305.21       | 356             | 3.81   |
| 20181 | Kaziah 2d, 178.....<br>Owned by John R. Valentine, Bryn Mawr, Pa.                    | 7,961         | 295.65       | 345             | 3.71   |
| 26257 | Finlayston's Lady Bell, 291.<br>Owned by John R. Valentine, Bryn Mawr, Pa.           | 7,957         | 357.36       | 417             | 4.49   |
| 21094 | Lady Star, 190 ..<br>Owned by W. V. Probasco, Cream Ridge, N. J.                     | 7,906         | 281.84       | 329             | 3.57   |
| 26876 | Castlemains Betty 4th, 382.<br>Owned by P. Ryan, Brewster, N. Y.                     | 7,847         | 280.12       | 327             | 3.57   |
| 16351 | Dorris Y., 96 ..<br>Owned by Henry Dorrance, Plainfield, Conn.                       | 7,807         | 312.80       | 365             | 4.01   |
| 23149 | Winnie Mitchell 2d, 403....<br>Owned by Henry Dorrance, Plainfield, Conn.            | 7,725         | 307.04       | 358             | 4.11   |
| 21249 | Oshawa's Pride, 182 ..<br>Owned by John R. Valentine, Bryn Mawr, Pa.                 | 7,681         | 318.09       | 371             | 4.14   |
| 19755 | Soncy of Barclay, 186.....<br>Owned by J. W. Clise, Redmond, Wash.                   | 7,680         | 315.87       | 369             | 4.11   |
| 21248 | Oshawa's Prudence, 181....<br>Owned by John R. Valentine, Bryn Mawr, Pa.             | 7,668         | 313.32       | 366             | 4.09   |
| 23037 | Yarmouth Mayflower 2d, 320<br>Owned by J. A. Ness, Auburn, Me.                       | 7,621         | 331.4        | 387             | 4.34   |
| 23013 | Friskey of Barclay, 277....<br>Owned by P. Ryan, Brewster, N. Y.                     | 7,588         | 283.58       | 331             | 3.74   |
| 27309 | Whitehill Lily 3d, 492.....<br>Owned by J. W. Ogden, Morristown, N. J.               | 7,554         | 310.82       | 363             | 4.12   |

THREE YEAR OLD FORM—*Continued.*

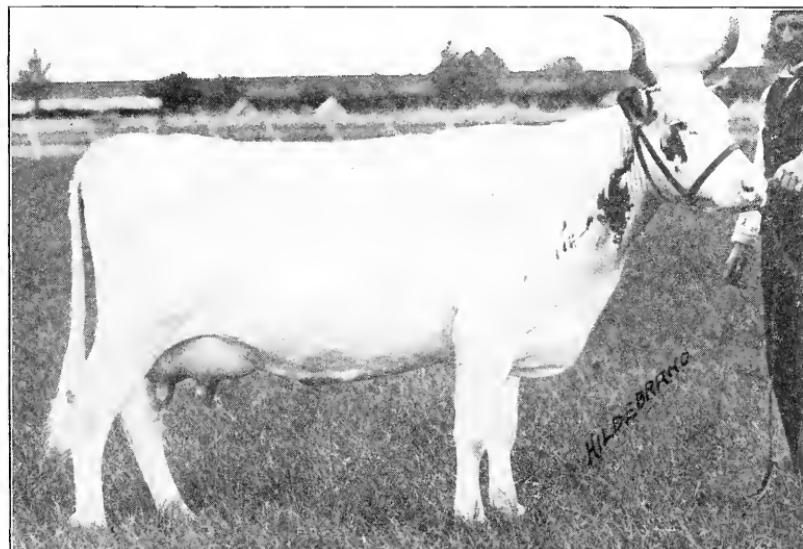
|       |  | Lbs.<br>Milk. | Lbs.<br>Fat. | Lbs.<br>Butter. | % Fat. |
|-------|--|---------------|--------------|-----------------|--------|
| 23781 | Fragrance of Elm Valley, 342<br>Owned by Friends' Asylum, Frankford, Pa. | 7,550         | 320.36       | 374             | 4.24   |
| 24258 | Lady Princess, 514 .....   | 7,548         | 269.13       | 314             | 3.56   |
|       | Owned by Friends' Asylum, Frankford, Pa.                                 |               |              |                 |        |
| 19350 | Chautauqua Fairy, 93 .....   | 7,524         | 305.21       | 356             | 4.05   |
|       | Owned by J. F. Butterfield Co., So. Montrose, Pa.                        |               |              |                 |        |
| 23152 | Queen Vashti, 278 .....  | 7,507         | 280.68       | 327             | 3.74   |
|       | Owned by C. A. Griscom, Haverford, Pa.                                   |               |              |                 |        |
| 24261 | Hazel of Stanley, 361 (2d<br>entry) .....                                | 7,482         | 296.20       | 346             | 3.96   |
|       | Owned by C. A. Griscom, Haverford, Pa.                                   |               |              |                 |        |
| 23164 | Phoebe of Hillview, 346 (2d<br>entry) .....                              | 7,467         | 305.12       | 356             | 4.09   |
|       | Owned by Hart Wallace, Shelbyville, Ky.                                  |               |              |                 |        |
| 25103 | Ithan 4th, 228 (2d entry)...   | 7,448         | 294.45       | 344             | 3.95   |
|       | Owned by John R. Valentine, Bryn Mawr, Pa.                               |               |              |                 |        |
| 24002 | Betty Hamilton, 357.....   | 7,439         | 302.54       | 353             | 4.07   |
|       | Owned by Hill Top Farm, Wheeling, W. Va.                                 |               |              |                 |        |
| 22462 | Mysie of Monmouth, 418...  | 7,416         | 290.         | 338             | 3.92   |
|       | Owned by W. V. Probasco, Cream Ridge, N. J.                              |               |              |                 |        |
| 18824 | Orinda, 85 .....   | 7,375         | 281.37       | 328             | 3.82   |
|       | Owned by J. W. Clise, Redmond, Wash.                                     |               |              |                 |        |
| 17614 | Ponemah 2d, 87 .....   | 7,330         | 261.02       | 304             | 3.56   |
|       | Owned by Walter D. Turner, Moretown, Vt.                                 |               |              |                 |        |
| 17360 | Rotha of Ridgeside, 95.....  | 7,324         | 330.86       | 386             | 4.52   |
|       | Owned by Henry Dorrance, Plainfield, Conn.                               |               |              |                 |        |
| 22765 | Crimson Avis, 245 .....  | 7,320         | 261.45       | 305             | 3.57   |
|       | Owned by Geo. F. Stone, Littleton, Mass.                                 |               |              |                 |        |
| 19489 | Cora T. 3d, 90 .....   | 7,312         | 291.58       | 340             | 3.99   |
|       | Owned by S. S. Karr & Son, Almond, N. Y.                                 |               |              |                 |        |
| 27541 | Imp. Hobson Ella, 509....  | 7,272         | 311.63       | 364             | 4.29   |
|       | Owned by Geo. H. McFadden, Bryn Mawr, Pa.                                |               |              |                 |        |
| 23382 | Wind Crest Girl, 303.....  | 7,226         | 292.41       | 340             | 4.04   |
|       | Owned by Walter S. Cramton, Rutland, Vt.                                 |               |              |                 |        |
| 22257 | Clara of Willowmoor, 369...  | 7,204         | 262.95       | 308             | 3.65   |
|       | Owned by J. W. Clise, Redmond, Wash.                                     |               |              |                 |        |
| 23924 | Butternut Girl, 393 .....  | 7,095         | 278.35       | 325             | 3.92   |
|       | Owned by Walter S. Cramton, Rutland, Vt.                                 |               |              |                 |        |
| 19553 | Fern T., 392 .....   | 7,077         | 236.80       | 276             | 3.35   |
|       | Owned by John R. Valentine, Bryn Mawr, Pa.                               |               |              |                 |        |
| 23846 | Zolah Bell, 535 .....  | 6,988         | 297.68       | 347             | 4.26   |
|       | Owned by J. W. Ogden, Morristown, N. J.                                  |               |              |                 |        |
| 26690 | Aunt Abby 3d, 569.....   | 6,946         | 246.86       | 288             | 3.55   |
|       | Owned by Francis Lynde Stetson, Sterlington, N. Y.                       |               |              |                 |        |
| 25114 | Fancy Ayer of Sunnyside, 396   | 6,828         | 295.19       | 344             | 4.32   |
|       | Owned by C. W. Lewis & Sons, Alfred Station, N. Y.                       |               |              |                 |        |
| 18248 | Neidpath Lassie 2d, 88.....  | 6,746         | 258.06       | 301             | 3.83   |
|       | Owned by John R. Valentine, Bryn Mawr, Pa.                               |               |              |                 |        |
| 28504 | Monarch Snowdrop, 445 ...  | 6,714         | 272.59       | 318             | 4.06   |
|       | Owned by Percival Roberts, Jr., Narberth, Pa.                            |               |              |                 |        |
| 16701 | Stiletto, 86 .....   | 6,707         | 262.93       | 307             | 3.92   |
|       | Owned by Conn. Agr'l College, Storrs, Conn.                              |               |              |                 |        |
| 27545 | Imp. Muirlaugh Dandy, 489  | 6,625         | 288.51       | 337             | 4.36   |
|       | Owned by Geo. H. McFadden, Bryn Mawr, Pa.                                |               |              |                 |        |
| 18689 | White Bess of Radnor, 84...  | 6,594         | 263.20       | 307             | 3.99   |
|       | Owned by Geo. H. McFadden, Bryn Mawr, Pa.                                |               |              |                 |        |

## FOUR YEAR OLD FORM.

|       |  | Lbs.<br>Milk. | Lbs.<br>Fat. | Lbs.<br>Butter. | % Fat. |
|-------|--|---------------|--------------|-----------------|--------|
| 17904 | Bessie of Rosemont, 44 (2d entry) ....<br>Owned by Geo. H. McFadden, Bryn Mawr, Pa.      | 14,102        | 578.17       | 673             | 4.1    |
| 21712 | Southwick Woodbine, 493...<br>Owned by J. W. Clise, Redmond, Wash.                       | 12,995        | 468.42       | 547             | 3.6    |
| 18400 | Cora T. 2d, 198.....<br>Owned by S. S. Karr & Son, Almond, N. Y.                         | 12,230        | 511.44       | 597             | 4.18   |
| 20180 | Bell Ayer, 56 (2d entry)...<br>Owned by John R. Valentine, Bryn Mawr, Pa.                | 11,934        | 492.91       | 575             | 4.22   |
| 20066 | Lady Douglas of Riverside,<br>255 ....<br>Owned by Missouri Agr'l College, Columbia, Mo. | 11,577        | 447.72       | 522             | 3.87   |
| 21852 | Douglas Cordelia, 79 (2d ent.)<br>Owned by Hill Top Farm, Wheeling, W. Va.               | 11,448        | 411.10       | 480             | 3.59   |
| 19487 | Midget of Sand Hill, 89 (2d entry) ....<br>Owned by S. S. Karr & Son, Almond, N. Y.      | 11,281        | 421.47       | 492             | 3.74   |
| 18249 | Oshawa Lady 2d, 78 (2d ent.)<br>Owned by John R. Valentine, Bryn Mawr, Pa.               | 11,254        | 430.73       | 503             | 3.83   |
| 23833 | Madame Bossi, 448 .....<br>Owned by J. W. Ogden, Morristown, N. J.                       | 11,148        | 441.49       | 515             | 3.96   |
| 21837 | Leta of Avon, 383.....<br>Owned by Mrs. F. D. Erhardt, West Berlin, Vt.                  | 11,062        | 452.67       | 528             | 4.09   |
| 21695 | Mabelle of Highland, 232 (3d entry) ....<br>Owned by John R. Valentine, Bryn Mawr, Pa.   | 10,957        | 408.72       | 477             | 3.73   |
| 19217 | Finlayston Maggie 3d, 105..<br>Owned by Geo. H. McFadden, Bryn Mawr, Pa.                 | 10,759        | 446.11       | 520             | 4.15   |
| 18678 | Pauline Sebastian, 109.....<br>Owned by J. F. Butterfield Co., So. Montrose, Pa.         | 10,745        | 361.57       | 422             | 3.36   |
| 26039 | Kaziah of Highland, 307 (2d entry) ....<br>Owned by John R. Valentine, Bryn Mawr, Pa.    | 10,624        | 369.12       | 431             | 3.57   |
| 19153 | Esthon Douglas, 197 ..<br>Owned by Chas. J. Bell, Hollis, N. H.                          | 10,527        | 373.52       | 436             | 3.54   |
| 17015 | Beckey of Holehouse, 115...<br>Owned by Geo. H. McFadden, Bryn Mawr, Pa.                 | 10,507        | 394.90       | 461             | 3.76   |
| 20531 | Abbie Sebastian, 103.....<br>Owned by J. F. Butterfield Co., So. Montrose, Pa.           | 10,449        | 365.65       | 427             | 3.5    |
| 21247 | Rena Ayer, 72 (2d entry)..<br>Owned by John R. Valentine, Bryn Mawr, Pa.                 | 10,424        | 440.21       | 514             | 4.04   |
| 22593 | Clean Luggs, 501 ..<br>Owned by A. F. Spooner, Richville, N. Y.                          | 10,224        | 380.99       | 444             | 3.73   |
| 22260 | Eva of Willowmoor, 494....<br>Owned by J. W. Clise, Redmond, Wash.                       | 10,101        | 449.84       | 525             | 4.45   |
| 22951 | Giftie Gat, 528 ..<br>Owned by A. F. Spooner, Richville, N. Y.                           | 10,099        | 409.16       | 477             | 4.05   |
| 23075 | Sarah Hebron, 367 ..<br>Owned by M. J. Karr & Son, Almond, N. Y.                         | 10,097        | 469.17       | 547             | 4.64   |
| 20323 | October Lass, 111 ..<br>Owned by Hill Top Farm, Wheeling, W. Va.                         | 10,078        | 396.29       | 462             | 3.93   |
| 17473 | Madonna Lass 2d, 110.....<br>Owned by Hill Top Farm, Wheeling, W. Va.                    | 10,020        | 383.60       | 448             | 3.82   |



GLEN SHAMROCK CHERRY 3RD  
Owned by Arthur H. Sagendorph, Spencer, Mass.



HOWIE'S LADYLIKE  
Owned by W. P. Schanck, Avon, N. Y.

## FOUR YEAR OLD FORM—Continued.

|       |   | Lbs.<br>Milk. | Lbs.<br>Fat. | Lbs.<br>Butter. | % Fat. |
|-------|---|---------------|--------------|-----------------|--------|
| 23999 | Maud Douglas, 239 (2d ent.)<br>Owned by Hill Top Farm, Wheeling, W. Va.           | 9,618         | 355.91       | 415             | 3.7    |
| 20500 | Margaret of Rathalla, 353...<br>Owned by W. W. Blake Arkcoll, Paoli, Pa.          | 9,586         | 380.42       | 444             | 3.97   |
| 27957 | Imp. Mona of Torr, 520....<br>Owned by John R. Valentine, Bryn Mawr, Pa.          | 9,555         | 369.29       | 431             | 3.86   |
| 22765 | Crimson Avis, 245 (2d ent.)<br>Owned by Geo. F. Stone, Littleton, Mass.           | 9,502         | 321.80       | 375             | 3.37   |
| 22201 | Madge of Wellington, 344...<br>Owned by A. B. McConnell & Sons, Wellington, Ohio. | 9,494         | 390.84       | 456             | 4.14   |
| 25382 | Rose Moodna, 450.....<br>Owned by Chas. J. Bell, Hollis, N. H.                    | 9,455         | 322.44       | 377             | 3.41   |
| 24346 | Lady Yarico, 453 .....  | 9,413         | 352.61       | 411             | 3.75   |
|       | Owned by Branford Farms, Groton, Conn.  |               |              |                 |        |
| 21627 | Broomhill Minnie 10th, 106.<br>Owned by Geo. H. McFadden, Bryn Mawr, Pa.          | 9,409         | 384.20       | 448             | 4.08   |
| 18679 | Agnes Sebastian, 107.....<br>Owned by J. F. Butterfield Co., So. Montrose, Pa.    | 9,364         | 360.21       | 420             | 3.85   |
| 22923 | Columbia Douglas, 484.....<br>Owned by Missouri Agr'l College, Columbia, Mo.      | 9,329         | 351.34       | 410             | 3.76   |
| 21739 | Princess of Maple Grove, 317<br>Owned by J. A. Ness, Auburn, Me.                  | 9,259         | 313.03       | 365             | 3.38   |
| 23081 | Molly Hebron, 475 .....   | 9,252         | 341.53       | 398             | 3.69   |
|       | Owned by S. S. Karr & Son, Almond, N. Y.  |               |              |                 |        |
| 21251 | Colonel's Lady Bell, 256....<br>Owned by John R. Valentine, Bryn Mawr, Pa.        | 9,226         | 417.33       | 487             | 4.52   |
| 20956 | Garlaugh Mayflower, 194....<br>Owned by Percival Roberts, Jr., Narberth, Pa.      | 9,224         | 341.61       | 399             | 3.70   |
| 20846 | Lady Leah, 252 .....  | 9,199         | 308.83       | 360             | 3.36   |
|       | Owned by C. J. Bell, Hollis, N. H.  |               |              |                 |        |
| 26364 | Burnside Lady Waddell, 527<br>Owned by J. W. Ogden, Morristown, N. J.             | 9,186         | 381.09       | 445             | 4.15   |
| 21851 | Douglas Empress, 195 .....  | 9,165         | 386.31       | 450             | 4.21   |
|       | Owned by Hill Top Farm, Wheeling, W. Va.  |               |              |                 |        |
| 22474 | Nellie Earl, 251 .....  | 9,117         | 342.34       | 399             | 3.75   |
|       | Owned by H. C. Groome, Warrenton, Va.   |               |              |                 |        |
| 16779 | Dollie Kilbowie, 112.....<br>Owned by Walter D. Turner, Moretown, Vt.             | 9,039         | 311.47       | 363             | 3.45   |
| 21109 | Crimson Rambler, 61 (3d ent.)<br>Owned by Geo. F. Stone, Littleton, Mass.         | 9,036         | 329.91       | 385             | 3.69   |
| 23101 | Crimson Lady, 290 (2d ent.)<br>Owned by Geo. F. Stone, Littleton, Mass.           | 9,032         | 365.17       | 426             | 4.04   |
| 23812 | Lady Crimsonia, 485.....<br>Owned by Geo. F. Stone, Littleton, Mass.              | 8,995         | 361.12       | 421             | 4.02   |
| 21259 | Bell Ayer 2d, 237 (2d entry)<br>Owned by John R. Valentine, Bryn Mawr, Pa.        | 8,992         | 410.35       | 479             | 4.56   |
| 24656 | Snowball of Hillcroft, 435...<br>Owned by M. Hannah, Brownsville, Vt.             | 8,964         | 385.04       | 449             | 4.30   |
| 17024 | Lizzie of Barclay, 116.....<br>Owned by Geo. H. McFadden, Bryn Mawr, Pa.          | 8,868         | 409.91       | 478             | 4.62   |
| 24650 | Gertrude Kelvyn, 253.....<br>Owned by Geo. F. Stone, Littleton, Mass.             | 8,793         | 327.53       | 382             | 3.72   |
| 22599 | Stella of Mansfield, 455....<br>Owned by Conn. Agr'l College, Storrs, Conn.       | 8,650         | 322.12       | 376             | 3.72   |

## FOUR YEAR OLD FORM—Continued.

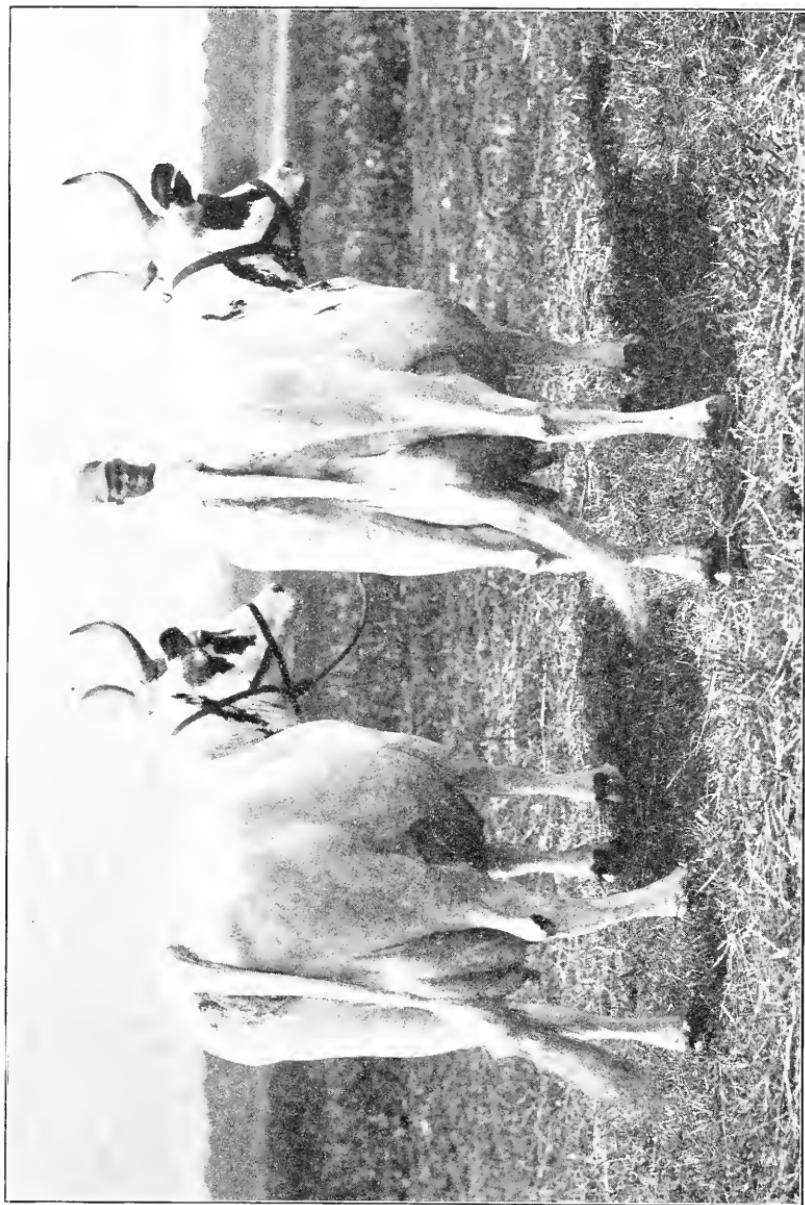
|       |   | Lbs.<br>Milk. | Lbs.<br>Fat. | Lbs.<br>Butter. | % Fat. |
|-------|---|---------------|--------------|-----------------|--------|
| 23116 | Florence Fizzaway, 461.....<br>Owned by J. F. Converse, Woodville, N. Y.      | 8,630         | 326.78       | 381             | 3.79   |
| 20597 | Beauty of Maple Hill, 380..<br>Owned by J. G. Clark, Ottawa, Ont.             | 8,586         | 355.11       | 414             | 4.13   |
| 17472 | Daisy Jewess 2d, 114.....<br>Owned by Hill Top Farm, Wheeling, W. Va.         | 8,574         | 336.95       | 393             | 3.93   |
| 20524 | Rose Elaban, 459.....<br>Owned by Francis Lynde Stetson, Sterlington, N. Y.   | 8,508         | 306.35       | 358             | 3.60   |
| 21622 | Auchenbrain Princess 7th, 104<br>Owned by Geo. H. McFadden, Bryn Mawr, Pa.    | 8,506         | 359.40       | 419             | 4.23   |
| 22200 | Madaline V., 343 .....  | 8,503         | 358.58       | 418             | 4.22   |
|       | Owned by A. B. McConnell & Sons, Wellington, Ohio.                            |               |              |                 |        |
| 20326 | Cordelia Douglas, 460 .....   | 8,397         | 329.91       | 384             | 3.93   |
|       | Owned by Hill Top Farm, Wheeling, W. Va.                                      |               |              |                 |        |
| 17997 | Miss Betty of Spring Hill, 113<br>Owned by S. S. Karr & Son, Almond, N. Y.    | 8,334         | 304.10       | 355             | 3.65   |
| 23868 | Beuchan Nancy, 370 .....  | 8,191         | 308.34       | 360             | 3.77   |
|       | Owned by J. W. Clise, Redmond, Wash.  |               |              |                 |        |
| 20259 | Polly Sebastian, 196 .....  | 8,189         | 316.18       | 369             | 3.86   |
|       | Owned by J. F. Butterfield Co., So. Montrose, Pa.                             |               |              |                 |        |
| 17254 | Ithan 2d, 108 .....   | 8,174         | 368.66       | 430             | 4.51   |
|       | Owned by John R. Valentine, Bryn Mawr, Pa.                                    |               |              |                 |        |
| 24729 | Jessie Douglas, 254 .....   | 8,163         | 338.02       | 394             | 4.14   |
|       | Owned by Good Hold Farm, Mentor, O.   |               |              |                 |        |
| 22419 | Norwood Model, 280 (2d ent.)<br>Owned by J. W. Ogden, Morristown, N. J.       | 8,137         | 277.08       | 323             | 3.4    |
| 26885 | Barleith Nancy Red Rose, 556<br>Owned by Hart Wallace, Shelbyville, Ky.       | 8,086         | 339.94       | 392             | 4.15   |
| 24677 | Castlemains Ann 2d, 472....<br>Owned by Hill Top Farm, Wheeling, W. Va.       | 8,083         | 317.14       | 370             | 3.92   |
| 23610 | Bessie Begone 2d, 404.....<br>Owned by Henry Dorrance, Plainfield, Conn.      | 8,072         | 295.94       | 345             | 3.67   |
| 27000 | Garclaugh Mansfield 5th, 549<br>Owned by Percival Roberts, Jr., Narberth, Pa. | 8,050         | 310.70       | 362             | 3.86   |
| 22464 | Rosy Ayer 2d, 419.....<br>Owned by W. V. Probasco, Cream Ridge, N. J.         | 8,041         | 332.05       | 387             | 4.3    |
| 19894 | Linda S., 193 .....   | 8,005         | 310.78       | 363             | 3.88   |
|       | Owned by W. V. Probasco, Cream Ridge, N. J.                                   |               |              |                 |        |
| 21014 | Carlotta Clyde 2d, 315.....<br>Owned by Friends' Asylum, Frankford, Pa.       | 7,988         | 312.72       | 365             | 3.91   |
| 22956 | Belyoe, 524 .....   | 7,984         | 334.71       | 391             | 4.2    |
|       | Owned by A. F. Spooner, Richville, N. Y.                                      |               |              |                 |        |
| 22221 | Holehouse White Bess, 192.<br>Owned by Geo. H. McFadden, Bryn Mawr, Pa.       | 7,981         | 347.87       | 406             | 4.36   |
| 30909 | Pride of the Willows, 573...<br>Owned by Branford Farms, Groton, Conn.        | 7,972         | 302.23       | 353             | 3.79   |
| 22466 | Roma Ayer, 433 .....  | 7,942         | 302.84       | 353             | 3.81   |
|       | Owned by W. V. Probasco, Cream Ridge, N. J.                                   |               |              |                 |        |
| 27945 | Imp. Auchenbrain Kirsty 10th,<br>548 .....                                    | 7,878         | 343.07       | 400             | 4.36   |
|       | Owned by Percival Roberts, Jr., Narberth, Pa.                                 |               |              |                 |        |

## FOUR YEAR OLD FORM—Continued.

|       |   | Lbs.<br>Milk. | Lbs.<br>Fat. | Lbs.<br>Butter. | % Fat. |
|-------|---|---------------|--------------|-----------------|--------|
| 20530 | Hazel Sebastian, 249.....<br>Owned by J. F. Butterfield Co., So. Montrose, Pa.  | 7,825         | 333.62       | 389             | 4.3    |
| 23549 | Lady's Princess, 220 (2d ent.)<br>Owned by Percival Roberts, Jr., Narberth, Pa. | 7,814         | 341.61       | 399             | 4.37   |
| 23068 | Queen of Maple Grove, 534..<br>Owned by F. M. Dow, Portland, Me.                | 7,807         | 320.05       | 373             | 4.1    |
| 20871 | Miss Bessie, 250 .....  | 7,755         | 333.74       | 389             | 4.33   |
| 22125 | Owned by Geo. H. McFadden, Bryn Mawr, Pa.<br>Queen's Denty, 381 .....           | 7,743         | 294.36       | 344             | 3.8    |
|       | Owned by P. Ryan, Brewster, N. Y.   |               |              |                 |        |

## MATURE FORM.

|       |  | Lbs.<br>Milk. | Lbs.<br>Fat. | Lbs.<br>Butter. | % Fat. |
|-------|--|---------------|--------------|-----------------|--------|
| 23985 | Netherhall Brownie 9th, 371<br>Owned by J. W. Clise, Redmond, Wash.          | 18,110        | 820.91       | 958             | 4.53   |
| 14539 | Rena Ross, 141 (2d entry)..<br>Owned by John R. Valentine, Bryn Mawr, Pa.    | 15,072        | 642.86       | 750             | 4.26   |
| 18043 | Lady Wonder 4th, 48 (4th<br>entry) .....                                     | 14,634        | 568.07       | 663             | 3.88   |
|       | Owned by Francis Lynde Stetson, Sterlington, N. Y.                           |               |              |                 |        |
| 19487 | Midget of Sand Hill, 89 (3d<br>entry) .....                                  | 14,433        | 521.86       | 609             | 3.62   |
|       | Owned by S. S. Karr & Son, Almond, N. Y.                                     |               |              |                 |        |
| 19895 | Lottie S., 559 .....   | 14,122        | 512.         | 597             | 3.63   |
|       | Owned by Hart Wallace, Shelbyville, Ky.                                      |               |              |                 |        |
| 23341 | White Floss of Kelso, 525..<br>Owned by Hart Wallace, Shelbyville, Ky.       | 13,956        | 518.71       | 605             | 3.72   |
| 21687 | Auchenbrain White Beauty<br>2d, 207 (2d entry).....                          | 13,789        | 564.39       | 658             | 4.09   |
|       | Owned by Percival Roberts, Jr., Narberth, Pa.                                |               |              |                 |        |
| 22563 | Queen Ester, 247 (2d entry)<br>Owned by H. C. Groome, Warrenton, Va.         | 13,681        | 448.21       | 523             | 3.28   |
| 16289 | Fern Ayer, 134 (2d entry)..<br>Owned by John R. Valentine, Bryn Mawr, Pa.    | 13,601        | 519.64       | 606             | 3.82   |
| 21335 | Garland Melrose, 562.....<br>Owned by Hart Wallace, Shelbyville, Ky.         | 13,307        | 525.11       | 613             | 3.94   |
| 20053 | Berwine, 292 .....   | 13,261        | 449.66       | 525             | 3.39   |
|       | Owned by Dudley Wells, Wethersfield, Conn.                                   |               |              |                 |        |
| 26870 | Netherhall Brownie 13th, 384<br>Owned by J. W. Ogden, Morristown, N. J.      | 13,217        | 503.45       | 587             | 3.81   |
| 21625 | Auchenbrack Sweet Pea 2d,<br>257 .....                                       | 13,097        | 523.87       | 622             | 4.07   |
|       | Owned by Geo. H. McFadden, Bryn Mawr, Pa.                                    |               |              |                 |        |
| 27645 | Leah's Fairy, 377 .....  | 13,032        | 437.97       | 511             | 3.74   |
|       | Owned by Good Hold Farm, Mentor, Ohio.                                       |               |              |                 |        |
| 26870 | Netherhall Brownie 13th, 384<br>Owned by J. W. Ogden, Morristown, N. J.      | 13,031        | 490.22       | 572             | 3.73   |
| 20944 | Garclaugh Bloomer 2d, 215..<br>Owned by Percival Roberts, Jr., Narberth, Pa. | 12,969        | 491.38       | 573             | 3.79   |
|       | Owned by Percival Roberts, Jr., Narberth, Pa.                                |               |              |                 |        |



IMP. HOLLOWESE WHITE BESS, 22221

Owned by Branford Farms, Groton, Conn.

IMP. GARLAFF MISS MEGLETOE, 30879

## MATURE FORM—Continued.

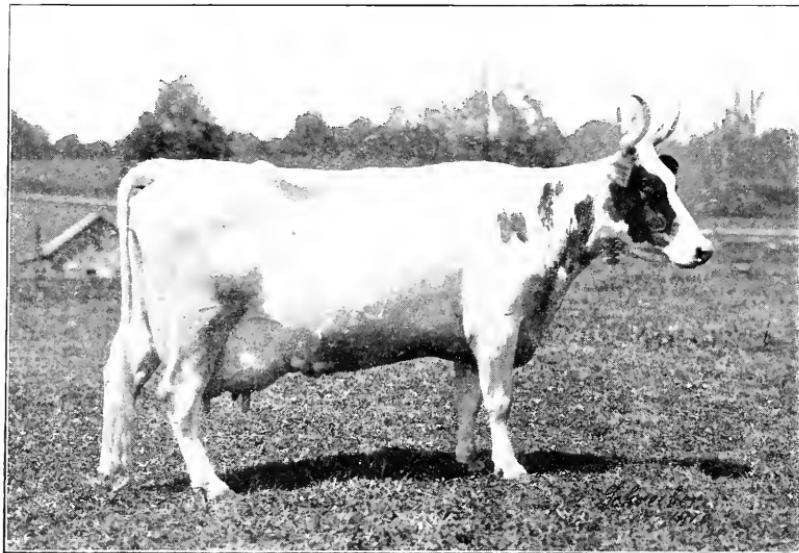
|       |  | Lbs.<br>Milk. | Lbs.<br>Fat. | Lbs.<br>Butter. | % Fat. |
|-------|--|---------------|--------------|-----------------|--------|
| 21109 | Crimson Rambler, 61 (5th entry) .....                | 12,776        | 433.95       | 506             | 3.4    |
|       | Owned by Geo. F. Stone, Littleton, Mass.             |               |              |                 |        |
| 27136 | Irene of the Elms, 542.....                          | 12,716        | 467.21       | 545             | 3.67   |
|       | Owned by Good Hold Farm, Mentor, Ohio.               |               |              |                 |        |
| 16296 | Polly Puss, 133 .....                                | 12,632        | 501.08       | 584             | 3.97   |
|       | Owned by John R. Valentine, Bryn Mawr, Pa.           |               |              |                 |        |
| 17452 | Eugenie Douglas, 83 (2d ent.)                        | 12,570        | 479.70       | 560             | 3.82   |
|       | Owned by Howard Cook, Beloit, Ohio.                  |               |              |                 |        |
| 16188 | Rose Morning, 300 .....                              | 12,564        | 416.24       | 486             | 3.31   |
|       | Owned by L. C. Spalding & Son, Poultney, Vt.         |               |              |                 |        |
| 15096 | Queen of Barclay, 148 (3d entry) .....               | 12,557        | 497.89       | 581             | 3.97   |
|       | Owned by Geo. H. McFadden, Bryn Mawr, Pa.            |               |              |                 |        |
| 20328 | Rose Ermel, 365 .....                                | 12,501        | 452.         | 527             | 3.69   |
|       | Owned by Francis Lynde Stetson, Sterlington, N. Y.   |               |              |                 |        |
| 19490 | Jennie of Sand Hill, 188 (2d entry) .....            | 12,477        | 534.45       | 624             | 4.36   |
|       | Owned by S. S. Karr & Son, Almond, N. Y.             |               |              |                 |        |
| 20970 | Primrose, 209 (2d entry)....                         | 12,465        | 461.16       | 538             | 3.7    |
|       | Owned by Percival Roberts, Jr., Narberth, Pa.        |               |              |                 |        |
| 17018 | Friskey of Bonshaw, 144 (3d entry) .....             | 12,445        | 583.66       | 680             | 4.69   |
|       | Owned by Geo. H. McFadden, Bryn Mawr, Pa.            |               |              |                 |        |
| 16189 | Lillian Drummond 4th, 124 (2d entry) .....           | 12,432        | 445.47       | 520             | 3.59   |
|       | Owned by L. C. Spalding & Son, Poultney, Vt.         |               |              |                 |        |
| 13772 | Cora T., 212 .....                                   | 12,392        | 456.25       | 532             | 3.76   |
|       | Owned by S. S. Karr & Son, Almond, N. Y.             |               |              |                 |        |
| 15833 | Elspeth of Picton Island, 545                        | 12,388        | 508.55       | 593             | 4.1    |
|       | Owned by John Sherwin, Cleveland, Ohio.              |               |              |                 |        |
| 15913 | Keepsake, 140 (2d entry) ..                          | 12,365        | 469.32       | 548             | 3.79   |
|       | Owned by John R. Valentine, Bryn Mawr, Pa.           |               |              |                 |        |
| 18975 | Florence Melrose, 368.....                           | 12,349        | 483.05       | 564             | 3.91   |
|       | Owned by Purdue University, Lafayette, Ind.          |               |              |                 |        |
| 9530  | Rena Myrtle, 1 .....                                 | 12,172        | 468.         | 546             | 3.84   |
|       | Owned by Vermont Experiment Station, Burlington, Vt. |               |              |                 |        |
| 18364 | May Hebron, 425 .....                                | 12,135        | 483.29       | 564             | 4.     |
|       | Owned by M. J. Karr & Son, Almond, N. Y.             |               |              |                 |        |
| 21850 | Madonna Lass 3d, 185 (2d entry) .....                | 12,097        | 490.67       | 572             | 4.05   |
|       | Owned by Hill Top Farm, Wheeling, W. Va.             |               |              |                 |        |
| 17287 | Bessie Clyde, 210 .....                              | 12,044        | 429.35       | 501             | 3.56   |
|       | Owned by S. S. Karr & Son, Almond, N. Y.             |               |              |                 |        |
| 26328 | Hazel Acme, 335 .....                                | 12,002        | 429.84       | 501             | 3.58   |
|       | Owned by F. W. Spalding, Poultney, Vt.               |               |              |                 |        |
| 17473 | Madonna Lass 2d, 110 (2d entry) .....                | 11,895        | 416.85       | 486             | 3.5    |
|       | Owned by Hill Top Farm, Wheeling, W. Va.             |               |              |                 |        |
| 12094 | Acelista, 8 (3d entry).....                          | 11,856        | 419.38       | 489             | 3.54   |
|       | Owned by C. M. Winslow, Brandon, Vt.                 |               |              |                 |        |

## MATURE FORM—Continued.

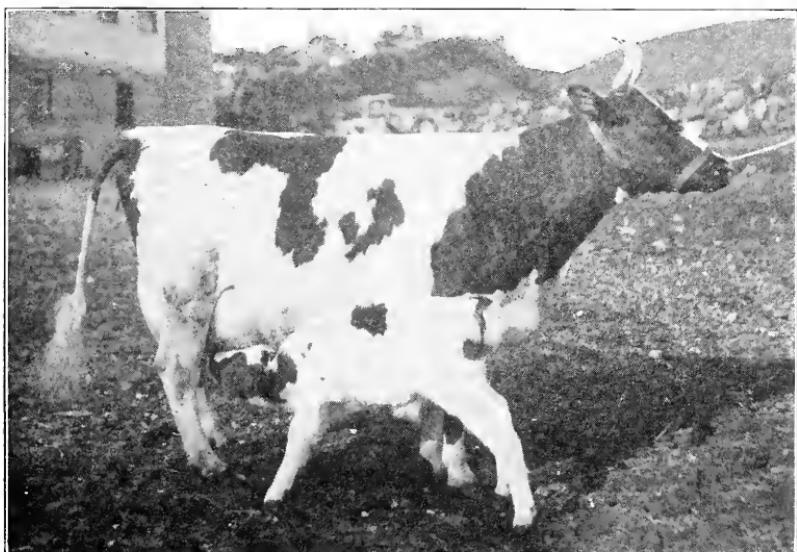
|       |   | Lbs.<br>Milk. | Lbs.<br>Fat. | Lbs.<br>Butter. | % Fat. |
|-------|---|---------------|--------------|-----------------|--------|
| 17904 | Bessie of Rosemont, 44 (3d entry) ....                | 11,784        | 485.47       | 566             | 4.12   |
|       | Owned by Geo. H. McFadden, Bryn Mawr, Pa.             |               |              |                 |        |
| 21702 | Princess Lily, 204 ....                               | 11,771        | 438.03       | 511             | 3.72   |
|       | Owned by J. W. Clise, Redmond, Wash.                  |               |              |                 |        |
| 21686 | Castlemain's Nancy 2d, 216.                           | 11,767        | 437.01       | 510             | 3.71   |
|       | Owned by Percival Roberts, Jr., Narberth, Pa.         |               |              |                 |        |
| 15577 | Denty 9th of Auchenbrain,<br>146 ....                 | 11,757        | 446.86       | 521             | 3.81   |
|       | Owned by Geo. H. McFadden, Bryn Mawr, Pa.             |               |              |                 |        |
| 26327 | Major Acme Myra, 334....                              | 11,747        | 425.         | 496             | 3.62   |
|       | Owned by F. W. Spalding, Poultney, Vt.                |               |              |                 |        |
| 20922 | May Mitchell, 156 (2d ent.)                           | 11,708        | 459.56       | 536             | 3.92   |
|       | Owned by Percival Roberts, Jr., Narberth, Pa.         |               |              |                 |        |
| 22763 | Crimson Maid, 160 (3d ent.)                           | 11,687        | 439.94       | 513             | 3.76   |
|       | Owned by Geo. F. Stone, Littleton, Mass.              |               |              |                 |        |
| 15026 | Rose Clockston, 27 (2d ent.)                          | 11,612        | 377.49       | 440             | 3.25   |
|       | Owned by C. M. Winslow, Brandon, Vt.                  |               |              |                 |        |
| 16540 | Ayrlynn Queen, 293.....                               | 11,585        | 399.37       | 466             | 3.45   |
|       | Owned by Good Hold Farm, Mentor, Ohio.                |               |              |                 |        |
| 23033 | Yarmouth Mayflower, 319...                            | 11,549        | 482.15       | 562             | 4.18   |
|       | Owned by J. A. Ness, Auburn, Maine.                   |               |              |                 |        |
| 21699 | Little Kilmory Lady Jane,<br>258 ....                 | 11,505        | 407.49       | 475             | 3.54   |
|       | Owned by J. W. Clise, Redmond, Wash.                  |               |              |                 |        |
| 19898 | Enid S., 263 (2d entry)....                           | 11,496        | 453.80       | 529             | 3.95   |
|       | Owned by Friends' Asylum, Frankford, Pa.              |               |              |                 |        |
| 18148 | Etta Poultney, 127 .....                              | 11,475        | 419.46       | 489             | 3.65   |
|       | Owned by J. W. Clise, Redmond, Wash.                  |               |              |                 |        |
| 19216 | Brown Eyes of Knockdon, 150<br>(2d entry) .....       | 11,448        | 437.61       | 511             | 3.82   |
|       | Owned by Geo. H. McFadden, Bryn Mawr, Pa.             |               |              |                 |        |
| 20365 | Bessie of Sand Hill, 52 (2d entry) .....              | 11,407        | 536.28       | 626             | 4.7    |
|       | Owned by S. S. Karr & Son, Almond, N. Y.              |               |              |                 |        |
| 22595 | Rhodora H., 558 .....                                 | 11,374        | 409.39       | 478             | 3.6    |
|       | Owned by Hart Wallace, Shelbyville, Ky.               |               |              |                 |        |
| 20970 | Primrose, 209 (3d entry)...                           | 11,372        | 475.75       | 555             | 4.17   |
|       | Owned by Percival Roberts, Jr., Narberth, Pa.         |               |              |                 |        |
| 18827 | Carmina, 259 .....                                    | 11,317        | 444.53       | 519             | 3.92   |
|       | Owned by New Hampshire College of Agr., Durham, N. H. |               |              |                 |        |
| 26679 | Lady Douglas B., 536.....                             | 11,309        | 386.55       | 451             | 3.42   |
|       | Owned by F. N. Dow, Portland, Me.                     |               |              |                 |        |
| 15096 | Queen of Barclay, 148 (2d entry) .....                | 11,258        | 414.86       | 484             | 3.68   |
|       | Owned by Geo. H. McFadden, Bryn Mawr, Pa.             |               |              |                 |        |
| 17452 | Eugenie Douglas, 83 (3d ent.)                         | 11,252        | 416.90       | 486             | 3.71   |
|       | Owned by Howard Cook, Beloit, Ohio.                   |               |              |                 |        |
| 22238 | Rutland Girl, 302 .....                               | 11,216        | 355.50       | 415             | 3.17   |
|       | Owned by F. W. Spalding, Poultney, Vt.                |               |              |                 |        |
| 23866 | Gardrum Brandy, 407 (2d entry) .....                  | 11,196        | 408.32       | 476             | 3.65   |
|       | Owned by J. W. Clise, Redmond, Wash.                  |               |              |                 |        |

## MATURE FORM—Continued.

|       |  | Lbs.<br>Milk. | Lbs.<br>Fat. | Lbs.<br>Butter. | % Fat. |
|-------|--|---------------|--------------|-----------------|--------|
| 27943 | Imp. Auchenbrain Brown Kate<br>4th, 547 .....      | 11,184        | 459.64       | 536             | 4.11   |
|       | Owned by Percival Roberts, Jr., Narberth, Pa.      |               |              |                 |        |
| 12094 | Acelista, 8 (4th entry).....                       | 11,169        | 384.21       | 448             | 3.44   |
|       | Owned by C. M. Winslow, Brandon, Vt.               |               |              |                 |        |
| 19153 | Esthon Douglas, 197 (3d ent.)                      | 11,121        | 412.64       | 481             | 3.71   |
|       | Owned by Chas. J. Bell, Hollis, N. H.              |               |              |                 |        |
| 12933 | Kitty K., 139 .....                                | 11,115        | 438.88       | 512             | 3.94   |
|       | Owned by John R. Valentine, Bryn Mawr, Pa.         |               |              |                 |        |
| 15959 | Nino Douglas, 202 .....                            | 11,115        | 431.18       | 503             | 3.88   |
|       | Owned by J. W. Clise, Redmond, Wash.               |               |              |                 |        |
| 20049 | Yarico 3d, 351 .....                               | 11,089        | 382.19       | 446             | 3.45   |
|       | Owned by Dudley Wells & Son, Wethersfield, Conn.   |               |              |                 |        |
| 16291 | Rosanna Webb, 310 .....                            | 11,086        | 470.37       | 549             | 4.24   |
|       | Owned by S. S. Karr & Son, Almond, N. Y.           |               |              |                 |        |
| 18043 | Lady Wonder 4th, 48 (2d<br>entry) .....            | 11,085        | 415.12       | 484             | 3.65   |
|       | Owned by Francis Lynde Stetson, Sterlington, N. Y. |               |              |                 |        |
| 16154 | Vera, 262 (2d entry).....                          | 11,068        | 388.64       | 453             | 3.51   |
|       | Owned by Geo. F. Stone, Littleton, Mass.           |               |              |                 |        |
| 19267 | Iris Douglas, 387 .....                            | 10,992        | 452.02       | 527             | 4.12   |
|       | Owned by Mrs. F. D. Erhardt, West Berlin, Vt.      |               |              |                 |        |
| 18255 | Rose Aileen, 51 (2d entry).....                    | 10,972        | 353.44       | 412             | 3.22   |
|       | Owned by Francis Lynde Stetson, Sterlington, N. Y. |               |              |                 |        |
| 19050 | Anna H. Douglas, 260.....                          | 10,922        | 421.90       | 492             | 3.86   |
|       | Owned by Missouri Agr'l College, Columbia, Mo.     |               |              |                 |        |
| 21750 | Netherhall Jean 3d, 201....                        | 10,920        | 433.33       | 506             | 3.97   |
|       | Owned by J. W. Clise, Redmond, Wash.               |               |              |                 |        |
| 15913 | Keepsake, 140 .....                                | 10,868        | 442.02       | 516             | 4.05   |
|       | Owned by John R. Valentine, Bryn Mawr, Pa.         |               |              |                 |        |
| 21851 | Douglas Empress, 195 (2d<br>entry) .....           | 10,868        | 460.33       | 537             | 4.23   |
|       | Owned by Hill Top Farm, Wheeling, W. Va.           |               |              |                 |        |
| 23035 | Zilpher, 566 .....                                 | 10,862        | 373.90       | 436             | 3.44   |
|       | Owned by F. N. Dow, Portland, Me.                  |               |              |                 |        |
| 20923 | Ethel Mary Stewart, 313....                        | 10,859        | 413.15       | 482             | 3.81   |
|       | Owned by Ashley Farm, Media, Pa.                   |               |              |                 |        |
| 19391 | Buttercup F. 3d, 294.....                          | 10,859        | 394.76       | 461             | 3.63   |
|       | Owned by Good Hold Farm, Mentor, Ohio.             |               |              |                 |        |
| 22652 | Drummond's Gem, 187 (2d<br>entry) .....            | 10,841        | 388.60       | 453             | 3.58   |
|       | Owned by Hill Top Farm, Wheeling, W. Va.           |               |              |                 |        |
| 24650 | Gertude Kelvyn, 253 (2d ent.)                      | 10,825        | 370.27       | 432             | 3.42   |
|       | Owned by Geo. F. Stone, Littleton, Mass.           |               |              |                 |        |
| 20967 | Little Love, 301 .....                             | 10,804        | 401.24       | 468             | 3.71   |
|       | Owned by Ashley Farm, Media, Pa.                   |               |              |                 |        |
| 26871 | Auchenbrain Favourite Beauty<br>4th, 495 .....     | 10,800        | 404.56       | 472             | 3.75   |
|       | Owned by Hill Top Farm, Wheeling, W. Va.           |               |              |                 |        |
| 19860 | Beauty of Hillcroft, 436....                       | 10,769        | 507.33       | 592             | 4.71   |
|       | Owned by M. Hannah, Brownsville, Vt.               |               |              |                 |        |
| 19750 | Daisy of Barclay, 390.....                         | 10,752        | 387.77       | 453             | 3.61   |
|       | Owned by Geo. H. McFadden, Bryn Mawr, Pa.          |               |              |                 |        |



**AUCHENBRAIN WHITE BEAUTY 2ND**  
Owned by Percival Roberts, Jr., Narberth, Pa.



**SHEWALTON MAINS SWELL.**  
Owned by P. Ryan, Brewster, N. Y.

## MATURE FORM—Continued.

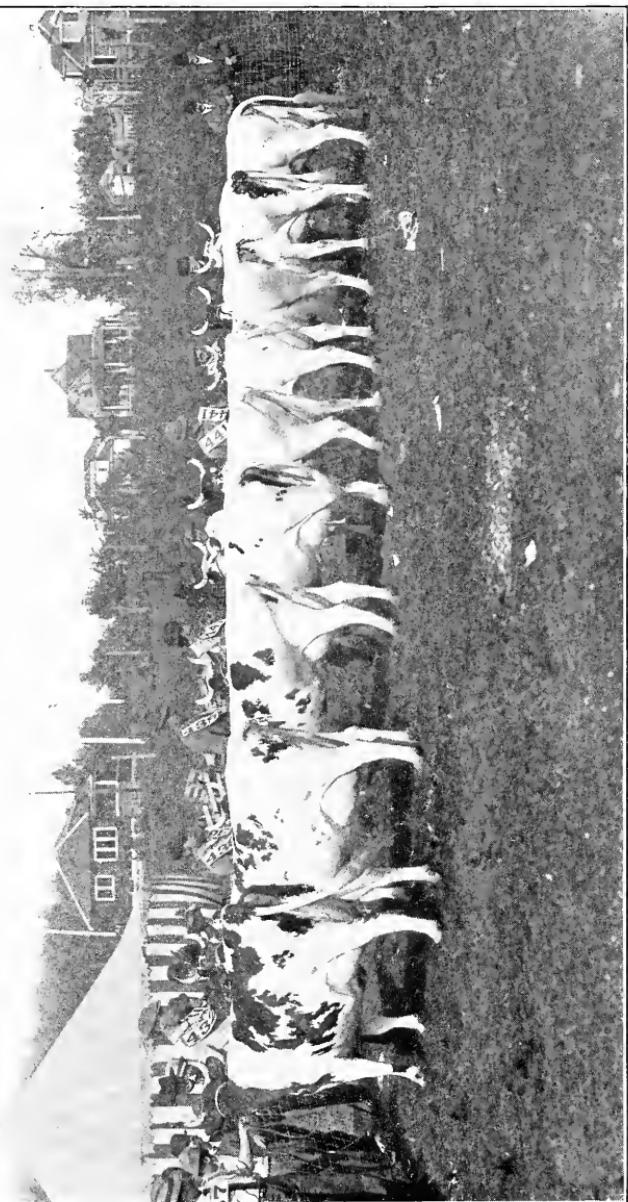
|       |  |  | Lbs.<br>Milk. | Lbs.<br>Fat. | Lbs.<br>Butter. | % Fat. |
|-------|--|--|---------------|--------------|-----------------|--------|
| 24899 | Barcheskie Dandy 10th, 502.                      | Owned by J. W. Clise, Redmond, Wash.             | 10,748        | 368.53       | 430             | 3.43   |
| 18000 | Lady Bell of Spring Hill, 211<br>(2d entry) .... | Owned by S. S. Karr & Son, Almond, N. Y.         | 10,709        | 410.13       | 479             | 3.82   |
| 12680 | Durwood, 5 ....                                  | Owned by Etna J. Fletcher, Greenfield, N. H.     | 10,701        | 433.71       | 506             | 4.05   |
| 17432 | Megsy Tipperlin, 76 (2d ent.)                    | Owned by John R. Valentine, Bryn Mawr, Pa.       | 10,701        | 399.34       | 466             | 3.73   |
| 23865 | Skaith Lady Beauty, 295 (2d<br>entry) ....       | Owned by J. W. Clise, Redmond, Wash.             | 10,687        | 395.99       | 462             | 3.71   |
| 19755 | Soncy of Barclay, 186 (2d<br>entry) ....         | Owned by J. W. Clise, Redmond, Wash.             | 10,686        | 435.87       | 509             | 4.07   |
| 20055 | Jermina 3d, 352 ....                             | Owned by Dudley Wells & Son, Wethersfield, Conn. | 10,675        | 410.01       | 478             | 3.94   |
| 22213 | Babe's Duchess, 102 (2d ent.)                    | Owned by Hill Top Farm, Wheeling, W. Va.         | 10,623        | 422.33       | 493             | 3.98   |
| 18723 | Too Soon, 406 ....                               | Owned by W. V. Probasco, Cream Ridge, N. J.      | 10,615        | 358.13       | 418             | 3.37   |
| 26051 | Myrtle Dell of Chateaugay<br>2d, 516 ....        | Owned by Good Hold Farm, Mentor, Ohio.           | 10,587        | 432.48       | 505             | 4.08   |
| 17901 | Jane of Bryn Mawr, 261....                       | Owned by Geo. H. McFadden, Bryn Mawr, Pa.        | 10,573        | 443.13       | 517             | 4.19   |
| 18963 | Elizabeth Melrose, 262.....                      | Owned by John R. Valentine, Bryn Mawr, Pa.       | 10,571        | 402.40       | 469             | 3.81   |
| 23855 | Skaith Brown Rose 2d, 203.                       | Owned by J. W. Clise, Redmond, Wash.             | 10,564        | 392.46       | 458             | 3.72   |
| 20950 | Dewdrop of Spring Hill, 208                      | Owned by Percival Roberts, Jr., Narberth, Pa.    | 10,554        | 391.74       | 457             | 3.75   |
| 17160 | Prudence Ayer, 337 .....                         | Owned by M. J. Karr & Son, Almond, N. Y.         | 10,550        | 412.35       | 481             | 3.9    |
| 19898 | Enid S., 263 .....                               | Owned by Friends' Asylum, Frankford, Pa.         | 10,539        | 406.64       | 474             | 3.85   |
| 21687 | Auchenbrain White Beauty<br>2d, 207 .....        | Owned by Percival Roberts, Jr., Narberth, Pa.    | 10,494        | 438.22       | 511             | 4.17   |
| 23865 | Skaith Lady Beauty, 295..                        | Owned by J. W. Clise, Redmond, Wash.             | 10,491        | 378.45       | 442             | 3.6    |
| 22765 | Crimson Avis, 245 (3d ent.)                      | Owned by Geo. F. Stone, Littleton, Mass.         | 10,484        | 353.41       | 412             | 3.37   |
| 16154 | Vera, 264 .....                                  | Owned by Geo. F. Stone, Littleton, Mass.         | 10,473        | 391.44       | 457             | 3.73   |
| 21254 | Colonel's Daughter, 174 (2d<br>entry) .....      | Owned by John R. Valentine, Bryn Mawr, Pa.       | 10,422        | 394.74       | 461             | 3.79   |
| 20970 | Primrose, 209 .....                              | Owned by Percival Roberts, Jr., Narberth, Pa.    | 10,410        | 386.04       | 450             | 3.71   |
| 15557 | Belledra, 544 .....                              | Owned by John Sherwin, Cleveland, Ohio.          | 10,409        | 401.28       | 468             | 3.85   |
| 23866 | Gardrum Brandy, 407 .....                        | Owned by J. W. Clise, Redmond, Wash.             | 10,390        | 403.72       | 472             | 3.89   |

## MATURE FORM—Continued.

|       |  | Lbs.<br>Milk. | Lbs.<br>Fat. | Lbs.<br>Butter. | % Fat. |
|-------|--|---------------|--------------|-----------------|--------|
| 19002 | Eugenie S., 266 .....                              | 10,379        | 341.80       | 399             | 3.29   |
|       | Owned by Friends' Asylum, Frankford, Pa.           |               |              |                 |        |
| 17898 | Swan of Rosemont, 296.....                         | 10,373        | 411.76       | 481             | 3.97   |
|       | Owned by Ashley Farm, Media, Pa.                   |               |              |                 |        |
| 21109 | Crimson Rambler, 61 (4th<br>entry) .....           | 10,346        | 383.61       | 448             | 3.71   |
|       | Owned by Geo. F. Stone, Littleton, Mass.           |               |              |                 |        |
| 18956 | Elinde Melrose, 421 .....                          | 10,298        | 351.70       | 410             | 3.44   |
|       | Owned by Friends' Asylum, Frankford, Pa.           |               |              |                 |        |
| 23803 | Old Graitney Queen 4th, 497                        | 10,282        | 375.34       | 438             | 3.65   |
|       | Owned by J. W. Clise, Redmond, Wash.               |               |              |                 |        |
| 21337 | Gazelle Melrose, 168 (2d ent.)                     | 10,280        | 360.98       | 421             | 3.51   |
|       | Owned by W. V. Probasco, Cream Ridge, N. J.        |               |              |                 |        |
| 18043 | Lady Wonder 4th, 48 (3d ent.)                      | 10,272        | 385.91       | 450             | 3.75   |
|       | Owned by Francis Lyade Stetson, Sterlington, N. Y. |               |              |                 |        |
| 19639 | Annie, 312 .....                                   | 10,242        | 395.03       | 461             | 3.85   |
|       | Owned by J. A. Ness, Auburn, Me.                   |               |              |                 |        |
| 13984 | Miss Olga, 153 .....                               | 10,200        | 386.57       | 451             | 3.79   |
|       | Owned by George H. Yeaton, Dover, N. H.            |               |              |                 |        |
| 19889 | Adela S., 487 .....                                | 10,185        | 387.76       | 452             | 3.81   |
|       | Owned by W. V. Probasco, Cream Ridge, N. J.        |               |              |                 |        |
| 17896 | Otero, 265 .....                                   | 10,181        | 440.26       | 514             | 4.32   |
|       | Owned by Geo. H. McFadden, Bryn Mawr, Pa.          |               |              |                 |        |
| 23859 | Barcheskie Beauty 5th, 246..                       | 10,100        | 369.95       | 432             | 3.66   |
|       | Owned by J. W. Clise, Redmond, Wash.               |               |              |                 |        |
| 23437 | Hilda Douglas, 297.....                            | 10,099        | 402.31       | 469             | 3.98   |
|       | Owned by Good Hold Farm, Mentor, Ohio.             |               |              |                 |        |
| 19153 | Esthon Douglas, 197 (2d ent.)                      | 10,097        | 385.47       | 450             | 3.82   |
|       | Owned by Chas. J. Bell, Hollis, N. H.              |               |              |                 |        |
| 23856 | Auchenbrain Buntie 10th, 339                       | 10,092        | 392.35       | 458             | 3.88   |
|       | Owned by J. W. Clise, Redmond, Wash.               |               |              |                 |        |
| 15885 | Mamie Lena, 336 .....                              | 10,082        | 394.12       | 460             | 3.90   |
|       | Owned by Good Hold Farm, Mentor, Ohio.             |               |              |                 |        |
| 27782 | Brownie Acme, 571.....                             | 10,069        | 381.24       | 445             | 3.79   |
|       | Owned by F. W. Spalding, Poultney, Vt.             |               |              |                 |        |
| 27669 | Nettie McC., 511 .....                             | 10,068        | 382.99       | 447             | 3.8    |
|       | Owned by A. B. McConnell & Sons, Wellington, Ohio. |               |              |                 |        |
| 14539 | Rena Ross, 141 .....                               | 10,065        | 438.46       | 512             | 4.35   |
|       | Owned by John R. Valentine, Bryn Mawr, Pa.         |               |              |                 |        |
| 21095 | Zulie Star, 316 .....                              | 10,062        | 403.80       | 471             | 4.01   |
|       | Owned by Friends' Asylum, Frankford, Pa.           |               |              |                 |        |
| 19756 | White Lola, 75 (2d entry)...                       | 10,057        | 384.17       | 448             | 3.82   |
|       | Owned by J. W. Clise, Redmond, Wash.               |               |              |                 |        |
| 21253 | Ithan 3d, 177 (2d entry)...                        | 10,047        | 394.         | 460             | 3.92   |
|       | Owned by John R. Valentine, Bryn Mawr, Pa.         |               |              |                 |        |
| 20952 | Wee Jenny of Holehouse, 217                        | 10,023        | 444.81       | 519             | 4.23   |
|       | Owned by Percival Roberts, Jr., Narberth, Pa.      |               |              |                 |        |
| 12351 | Biona, 154 .....                                   | 10,012        | 341.97       | 399             | 3.42   |
|       | Owned by Geo. H. Yeaton, Dover, N. H.              |               |              |                 |        |
| 29528 | Red Rose of Hollis, 540....                        | 10,006        | 328.06       | 383             | 3.28   |
|       | Owned by C. J. Bell, Hollis, N. H.                 |               |              |                 |        |
| 14538 | Ithan, 142 .....                                   | 9,975         | 396.30       | 462             | 3.97   |
|       | Owned by John R. Valentine, Bryn Mawr, Pa.         |               |              |                 |        |

## MATURE FORM—Continued.

|       |  | Lbs.<br>Milk. | Lbs.<br>Fat. | Lbs.<br>Butter. | % Fat. |
|-------|--|---------------|--------------|-----------------|--------|
| 18656 | Dolly Dimple, 311 .....                              | 9,972         | 454.57       | 530             | 4.56   |
|       | Owned by C. W. Lewis & Sons, Alfred Station, N. Y.   |               |              |                 |        |
| 23864 | Carston Evelina, 378 (2d ent.)                       | 9,956         | 385.07       | 449             | 3.87   |
|       | Owned by J. W. Clise, Redmond, Wash.                 |               |              |                 |        |
| 20054 | Yarico 4th, 298 .....                                | 9,955         | 338.08       | 395             | 3.39   |
|       | Owned by Dudley Wells, Wethersfield, Conn.           |               |              |                 |        |
| 12039 | Miss Ollie, 4 .....                                  | 9,924         | 440.60       | 514             | 4.44   |
|       | Owned by L. S. Drew, So. Burlington, Vt.             |               |              |                 |        |
| 23303 | Mamie Kilbowie, 513 .....                            | 9,920         | 385.95       | 450             | 3.88   |
|       | Owned by Good Hold Farm, Mentor, Ohio.               |               |              |                 |        |
| 18645 | Rose Pender, 117 .....                               | 9,913         | 360.05       | 420             | 3.63   |
|       | Owned by Howard Cook, Beloit, Ohio.                  |               |              |                 |        |
| 12094 | Acelista, 8 .....                                    | 9,906         | 361.71       | 422             | 3.77   |
|       | Owned by C. M. Winslow, Brandon, Vt.                 |               |              |                 |        |
| 19109 | Snowdrop 2d of Ste. Anne's,                          |               |              |                 |        |
|       | 373 .....  | 9,903         | 386.99       | 451             | 3.91   |
|       | Owned by Conn. Agr'l College, Storrs, Conn.          |               |              |                 |        |
| 18337 | Queen Bertha, 267 .....                              | 9,903         | 341.25       | 398             | 3.44   |
|       | Owned by Friends' Asylum, Frankford, Pa.             |               |              |                 |        |
| 21849 | Babe Douglas, 71 (2d entry)                          | 9,887         | 387.62       | 452             | 3.92   |
|       | Owned by Hill Top Farm, Wheeling, W. Va.             |               |              |                 |        |
| 15578 | Flora 4th of Bonshaw, 143..                          | 9,874         | 372.69       | 435             | 3.87   |
|       | Owned by Geo. H. McFadden, Bryn Mawr, Pa.            |               |              |                 |        |
| 14030 | Hetty Ayer, 125.....                                 | 9,858         | 474.52       | 554             | 4.81   |
|       | Owned by S. S. Karr & Son, Almond, N. Y.             |               |              |                 |        |
| 16298 | Fern Ayer, 134 .....                                 | 9,847         | 376.25       | 439             | 3.82   |
|       | Owned by John R. Valentine, Bryn Mawr, Pa.           |               |              |                 |        |
| 17461 | Ada Rome, 118 .....                                  | 9,835         | 351.38       | 410             | 3.57   |
|       | Owned by J. F. Butterfield Co., So. Montrose, Pa.    |               |              |                 |        |
| 11469 | Xoa, 11 (2d entry) .....                             | 9,804         | 333.83       | 390             | 3.41   |
|       | Owned by Geo. H. Yeaton, Dover, N. H.                |               |              |                 |        |
| 16466 | Mary A. M. 2d, 130.....                              | 9,782         | 347.01       | 405             | 3.48   |
|       | Owned by A. B. McConnell, Wellington, Ohio.          |               |              |                 |        |
| 12094 | Acelista, 8 (2d entry).....                          | 9,754         | 336.52       | 393             | 3.45   |
|       | Owned by C. M. Winslow, Brandon, Vt.                 |               |              |                 |        |
| 23733 | Flash Lass, 575.....                                 | 9,745         | 450.30       | 525             | 4.60   |
|       | Owned by Geo. B. Catlin, Burlington, Vt.             |               |              |                 |        |
| 18664 | Cambric, 213 .....                                   | 9,745         | 341.29       | 398             | 3.5    |
|       | Owned by Chas. J. Bell, Hollis, N. H.                |               |              |                 |        |
| 16051 | Molly Fryer, 120 .....                               | 9,741         | 388.06       | 453             | 3.99   |
|       | Owned by Henry Dorrance, Plainfield, Conn.           |               |              |                 |        |
| 10770 | Atlanta, 2 .....                                     | 9,740         | 367.71       | 429             | 3.78   |
|       | Owned by Vermont Experiment Station, Burlington, Vt. |               |              |                 |        |
| 19504 | Yucca Douglas, 183 (2d ent.)                         | 9,739         | 336.69       | 393             | 3.46   |
|       | Owned by Chas. J. Bell, Hollis, N. H.                |               |              |                 |        |
| 27670 | Mamie D. 2d, 512.....                                | 9,735         | 377.87       | 441             | 3.88   |
|       | Owned by A. B. McConnell & Sons, Wellington, Ohio.   |               |              |                 |        |
| 19894 | Linda S., 193 (2d entry)...                          | 9,726         | 378.96       | 442             | 3.89   |
|       | Owned by W. V. Probasco, Cream Ridge, N. J.          |               |              |                 |        |
| 18538 | Jean of Claremont, 437.....                          | 9,719         | 417.59       | 487             | 4.3    |
|       | Owned by Matthew Hannah, Brownsville, Vt.            |               |              |                 |        |
| 18364 | May Hebron, 425 (2d entry)                           | 9,718         | 393.02       | 459             | 4.04   |
|       | Owned by M. J. Karr & Son, Almond, N. Y.             |               |              |                 |        |



AGED COW CLASS AT NATIONAL DAIRY SHOW, 1910

## MATURE FORM—Continued.

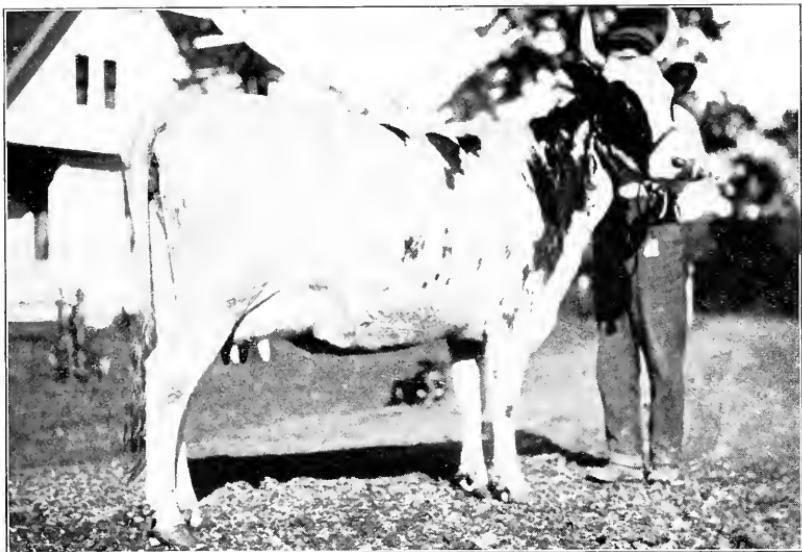
|       |  | Lbs.<br>Milk. | Lbs.<br>Fat. | Lbs.<br>Butter. | % Fat. |
|-------|--|---------------|--------------|-----------------|--------|
| 16020 | Oshawa Lady, 136 .....                               | 9,695         | 363.22       | 424             | 3.75   |
|       | Owned by John R. Valentine, Bryn Mawr, Pa.           |               |              |                 |        |
| 21628 | Jeanfield Fleckie 3d, 444...                         | 9,693         | 352.31       | 411             | 3.68   |
|       | Owned by Percival Roberts, Jr., Narberth, Pa.        |               |              |                 |        |
| 15874 | Miss Mabel D., 132.....                              | 9,693         | 351.87       | 411             | 3.62   |
|       | Owned by C. M. Winslow, Brandon, Vt.                 |               |              |                 |        |
| 20182 | Starlass, 175 (2d entry)....                         | 9,657         | 378.41       | 442             | 3.92   |
|       | Owned by John R. Valentine, Bryn Mawr, Pa.           |               |              |                 |        |
| 23862 | Barcheskie Winsome, 422...                           | 9,656         | 324.82       | 379             | 3.37   |
|       | Owned by J. W. Clise, Redmond, Wash.                 |               |              |                 |        |
| 17018 | Friskey of Bonshaw, 144 (2d<br>entry) .....          | 9,645         | 397.29       | 464             | 4.12   |
|       | Owned by Geo. H. McFadden, Bryn Mawr, Pa.            |               |              |                 |        |
| 13715 | Crimsonia 2d, 129.....                               | 9,645         | 357.44       | 417             | 3.71   |
|       | Owned by Geo. F. Stone, Littleton, Mass.             |               |              |                 |        |
| 22468 | Ivan 2d, 457 .....                                   | 9,623         | 360.35       | 420             | 3.75   |
|       | Owned by W. V. Probasco, Cream Ridge, N. J.          |               |              |                 |        |
| 20045 | Jermina 2d, 372 .....                                | 9,616         | 339.59       | 396             | 3.53   |
|       | Owned by Dudley Wells, Wethersfield, Conn.           |               |              |                 |        |
| 17011 | Daisy of Rosemont, 147 (2d<br>entry) .....           | 9,585         | 390.         | 455             | 4.07   |
|       | Owned by Geo. H. McFadden, Bryn Mawr, Pa.            |               |              |                 |        |
| 19327 | Gipsy 1st of Whitehill, 374...                       | 9,570         | 368.21       | 430             | 3.85   |
|       | Owned by J. F. Converse, Woodville, N. Y.            |               |              |                 |        |
| 20002 | Zena J., 385 .....                                   | 9,564         | 327.12       | 382             | 3.42   |
|       | Owned by Friends' Asylum, Frankford, Pa.             |               |              |                 |        |
| 29700 | Bangora, 441 .....                                   | 9,557         | 325.13       | 379             | 3.4    |
|       | Owned by Kansas State Agr'l College, Manhattan, Kan. |               |              |                 |        |
| 18861 | Bluebell of Ridgeside, 531...                        | 9,535         | 388.76       | 454             | 4.08   |
|       | Owned by Branford Farms, Groton, Conn.               |               |              |                 |        |
| 16286 | Lady Sam, 121 .....                                  | 9,530         | 348.32       | 406             | 3.65   |
|       | Owned by Henry Dorrance, Plainfield, Conn.           |               |              |                 |        |
| 19489 | Cora T. 3d, 90 (2d entry)...                         | 9,488         | 400.59       | 467             | 4.22   |
|       | Owned by S. S. Karr & Son, Almond, N. Y.             |               |              |                 |        |
| 13473 | Durline, 15 .....                                    | 9,478         | 354.76       | 414             | 3.74   |
|       | Owned by J. J. Hill, St. Paul, Minn.                 |               |              |                 |        |
| 27137 | Beautiful Bella 2d, 395....                          | 9,475         | 377.09       | 440             | 3.99   |
|       | Owned by Good Hold Farm, Mentor, Ohio.               |               |              |                 |        |
| 17256 | Lady Bell 4th, 91 (2d entry)...                      | 9,468         | 411.59       | 480             | 4.35   |
|       | Owned by John R. Valentine, Bryn Mawr, Pa.           |               |              |                 |        |
| 17013 | Maggie of Radnor, 145....                            | 9,468         | 405.03       | 473             | 4.28   |
|       | Owned by Geo. H. McFadden, Bryn Mawr, Pa.            |               |              |                 |        |
| 18000 | Lady Bell of Spring Hill, 211                        | 9,466         | 362.67       | 423             | 3.83   |
|       | Owned by S. S. Karr & Son, Almond, N. Y.             |               |              |                 |        |
| 22454 | Queen Lill 2d, 268.....                              | 9,459         | 344.70       | 402             | 3.64   |
|       | Owned by E. J. Fletcher, Greenfield, N. H.           |               |              |                 |        |
| 16290 | Precilla Ayer, 279 .....                             | 9,458         | 403.82       | 471             | 4.27   |
|       | Owned by C. A. Griscom, Haverford, Pa.               |               |              |                 |        |
| 16533 | Princess Beatrice 2d, 205...                         | 9,450         | 372.77       | 435             | 3.94   |
|       | Owned by John R. Valentine, Bryn Mawr, Pa.           |               |              |                 |        |
| 17489 | Eleanor Fay, 388 .....                               | 9,429         | 353.08       | 412             | 3.72   |
|       | Owned by Francis Lynde Stetson, Sterlington, N. Y.   |               |              |                 |        |
| 16204 | Nancy Almond, 269 .....                              | 9,428         | 406.73       | 475             | 4.31   |
|       | Owned by S. S. Karr & Son, Almond, N. Y.             |               |              |                 |        |

## MATURE FORM—Continued.

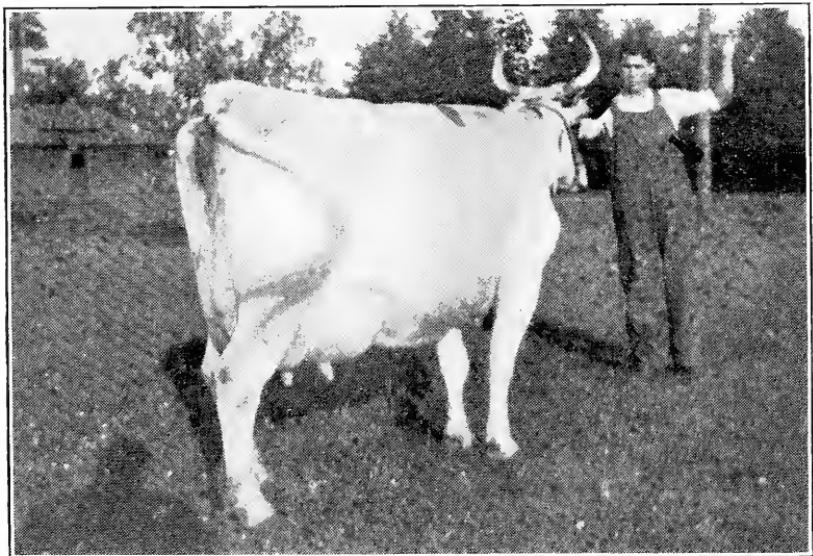
|       |   | Lbs.<br>Milk. | Lbs.<br>Fat. | Lbs.<br>Butter. | % Fat. |
|-------|---|---------------|--------------|-----------------|--------|
| 21094 | Lady Star, 190 (2d entry)...                  | 9,425         | 349.47       | 408             | 3.71   |
|       | Owned by W. V. Probasco, Cream Ridge, N. J.   |               |              |                 |        |
| 16152 | Avis, 128 .....                               | 9,424         | 327.81       | 382             | 3.48   |
|       | Owned by Geo. F. Stone, Littleton, Mass.      |               |              |                 |        |
| 20922 | May Mitchell, 156 .....                       | 9,419         | 355.67       | 415             | 3.77   |
|       | Owned by Percival Roberts, Jr., Narberth, Pa. |               |              |                 |        |
| 14705 | Belle Nixon, 9 .....                          | 9,383         | 360.85       | 421             | 3.85   |
|       | Owned by Etna J. Fletcher, Greenfield, N. H.  |               |              |                 |        |
| 12473 | Rena Webb, 135 .....                          | 9,366         | 363.24       | 424             | 3.88   |
|       | Owned by John R. Valentine, Bryn Mawr, Pa.    |               |              |                 |        |
| 15840 | Meg of Picton Island, 546....                 | 9,363         | 340.36       | 397             | 3.64   |
|       | Owned by John Sherwin, Cleveland, Ohio.       |               |              |                 |        |
| 18949 | Addington Queen, 158 .....                    | 9,348         | 391.02       | 456             | 4.18   |
|       | Owned by Hill Top Farm, Wheeling, W. Va.      |               |              |                 |        |
| 19042 | Viola Drummond 2d, 434....                    | 9,327         | 344.62       | 402             | 3.7    |
|       | Owned by J. F. Converse, Woodville, N. Y.     |               |              |                 |        |
| 17861 | Polly of Mauchlin, 123.....                   | 9,321         | 364.87       | 425             | 3.91   |
|       | Owned by Conn. Agr'l College, Storrs, Conn.   |               |              |                 |        |
| 12357 | Lukolela, 12 .....                            | 9,299         | 329.14       | 384             | 3.54   |
|       | Owned by Geo. H. Yeaton, Dover, N. H.         |               |              |                 |        |
| 24669 | Oldhall Ladysmith 4th, 270.                   | 9,293         | 451.20       | 526             | 4.86   |
|       | Owned by Geo. H. McFadden, Bryn Mawr, Pa.     |               |              |                 |        |
| 12773 | Iola Lorne, 17 (2d entry)...                  | 9,275         | 337.83       | 394             | 3.64   |
|       | Owned by C. M. Winslow, Brandon, Vt.          |               |              |                 |        |
| 21795 | Irene Douglas, 189 (2d entry)                 | 9,270         | 394.46       | 460             | 4.25   |
|       | Owned by Hill Top Farm, Wheeling, W. Va.      |               |              |                 |        |
| 17892 | Letta Lind of Radnor, 81<br>(2d entry) .....  | 9,254         | 358.36       | 418             | 3.87   |
|       | Owned by Hill Top Farm, Wheeling, W. Va.      |               |              |                 |        |
| 16204 | Nancy Almond, 269 (2d ent.)                   | 9,249         | 398.91       | 465             | 4.31   |
|       | Owned by S. S. Karr & Son, Almond, N. Y.      |               |              |                 |        |
| 16189 | Lillian Drummond 4th, 124.                    | 9,239         | 369.68       | 431             | 4.     |
|       | Owned by L. C. Spalding & Son, Poultney, Vt.  |               |              |                 |        |
| 14952 | Mysie of Barcheskie, 16....                   | 9,228         | 337.         | 393             | 3.65   |
|       | Owned by W. V. Probasco, Cream Ridge, N. J.   |               |              |                 |        |
| 19749 | Lily of Barclay, 405.....                     | 9,225         | 344.89       | 402             | 3.74   |
|       | Owned by J. W. Clise, Redmond, Wash.          |               |              |                 |        |
| 18357 | Rosie Hebron, 338 .....                       | 9,210         | 438.49       | 512             | 4.76   |
|       | Owned by M. J. Karr & Son, Almond, N. Y.      |               |              |                 |        |
| 18060 | Sterling Silver, 206 .....                    | 9,192         | 406.42       | 474             | 4.42   |
|       | Owned by Percival Roberts, Jr., Narberth, Pa. |               |              |                 |        |
| 16022 | Hillside of Toledo, 157.....                  | 9,179         | 330.37       | 385             | 3.65   |
|       | Owned by Hill Top Farm, Wheeling, W. Va.      |               |              |                 |        |
| 21637 | Sauchrie Bell 3d, 463.....                    | 9,173         | 359.92       | 420             | 3.92   |
|       | Owned by Hart Wallace, Shelbyville, Ky.       |               |              |                 |        |
| 15096 | Queen of Barclay, 148.....                    | 9,172         | 352.86       | 412             | 3.84   |
|       | Owned by Geo. H. McFadden, Bryn Mawr, Pa.     |               |              |                 |        |
| 21546 | Lady Ostrom 2d, 574.....                      | 9,167         | 384.42       | 449             | 4.19   |
|       | Owned by Good Hold Farm, Mentor, Ohio.        |               |              |                 |        |
| 17011 | Daisy of Rosemont, 147.....                   | 9,164         | 345.01       | 402             | 3.76   |
|       | Owned by Geo. H. McFadden, Bryn Mawr, Pa.     |               |              |                 |        |
| 19754 | Bonnie 2d of Radnor, 41 (2d<br>entry) .....   | 9,164         | 342.58       | 400             | 3.74   |
|       | Owned by J. W. Clise, Redmond, Wash.          |               |              |                 |        |

## MATURE FORM—Continued.

|       |  | Lbs.  | Lbs.   | Lbs.    | % Fat. |
|-------|--|-------|--------|---------|--------|
|       |  | Milk. | Fat.   | Butter. |        |
| 20070 | Princess Ena, 454 .....                                  | 9,151 | 381.24 | 445     | 4.17   |
|       | Owned by J. F. Converse, Woodville, N. Y.                |       |        |         |        |
| 20722 | Lady's Princess of Menie, 420 .....                      | 9,150 | 332.46 | 388     | 3.68   |
|       | Owned by Ashley Farm, Media, Pa.                         |       |        |         |        |
| 27109 | Kilbowie 2d of Glenhurst, 462 .....                      | 9,137 | 368.49 | 430     | 4.03   |
|       | Owned by P. Ryan, Brewster, N. Y.                        |       |        |         |        |
| 20346 | Rose Dukina, 570 .....                                   | 9,124 | 325.90 | 380     | 3.57   |
|       | Owned by Francis Lynde Stetson, Sterlington, N. Y.       |       |        |         |        |
| 27944 | Garclaugh May Mischief, 541 .....                        | 9,123 | 331.14 | 386     | 3.63   |
|       | Owned by Percival Roberts, Jr., Narberth, Pa.            |       |        |         |        |
| 21686 | Castlemain's Nancy 2d, 216 .....                         | 9,120 | 331.79 | 387     | 3.64   |
|       | (2d entry) Owned by Percival Roberts, Jr., Narberth, Pa. |       |        |         |        |
| 20214 | Vera 2d, 470 .....                                       | 9,111 | 337.58 | 394     | 3.71   |
|       | Owned by Geo. F. Stone, Littleton, Mass.                 |       |        |         |        |
| 14196 | Carrie Hebron, 486 .....                                 | 9,109 | 362.14 | 422     | 3.98   |
|       | Owned by M. J. Karr & Son, Almond, N. Y.                 |       |        |         |        |
| 21359 | Bell Ayer of Sunnyside, 399 .....                        | 9,108 | 368.56 | 430     | 4.05   |
|       | Owned by C. W. Lewis & Son, Alfred Station, N. Y.        |       |        |         |        |
| 11469 | Xoa, 11 .....  | 9,090 | 331.71 | 387     | 3.65   |
|       | Owned by Geo. H. Yeaton, Dover, N. H.                    |       |        |         |        |
| 14554 | Inez Douglas, 14 .....                                   | 9,089 | 410.81 | 479     | 4.52   |
|       | Owned by Howard Cook, Beloit, Ohio.                      |       |        |         |        |
| 19507 | Lady Burton, 184 (2d entry) .....                        | 9,086 | 322.31 | 376     | 3.55   |
|       | Owned by Chas. J. Bell, Hollis, N. H.                    |       |        |         |        |
| 20038 | Dolly Inglis, 379 .....                                  | 9,081 | 403.88 | 471     | 4.44   |
|       | Owned by Dudley Wells, Wethersfield, Conn.               |       |        |         |        |
| 20432 | Bell Alwood, 347 .....                                   | 9,057 | 361.27 | 421     | 3.99   |
|       | Owned by Good Hold Farm, Mentor, Ohio.                   |       |        |         |        |
| 15579 | Lily 4th of Fairfield Mains, 149 .....                   | 9,054 | 343.76 | 401     | 3.8    |
|       | Owned by Geo. H. McFadden, Bryn Mawr, Pa.                |       |        |         |        |
| 16538 | Clarrissa Lorain, 131 .....                              | 9,051 | 328.95 | 384     | 3.63   |
|       | Owned by A. B. McConnell & Sons, Wellington, Ohio.       |       |        |         |        |
| 17454 | Anna Webb, 271 .....                                     | 9,048 | 342.50 | 400     | 3.78   |
|       | Owned by J. F. Butterfield Co., So. Montrose, Pa.        |       |        |         |        |
| 21703 | Woodside May, 199 .....                                  | 9,042 | 377.31 | 440     | 3.17   |
|       | Owned by J. W. Clise, Redmond, Wash.                     |       |        |         |        |
| 20985 | White Lily of Menie, 314 .....                           | 9,039 | 394.90 | 461     | 4.36   |
|       | Owned by Ashley Farm, Media, Pa.                         |       |        |         |        |
| 15914 | Amy Ayer, 309 .....                                      | 9,036 | 356.29 | 416     | 3.94   |
|       | Owned by S. S. Karr & Son, Almond, N. Y.                 |       |        |         |        |
| 19517 | Lady Hollis 2d, 360 .....                                | 9,002 | 299.85 | 350     | 3.33   |
|       | Owned by Chas. J. Bell, Hollis, N. H.                    |       |        |         |        |
| 23864 | Carston Evelina, 378 .....                               | 8,965 | 357.50 | 417     | 3.99   |
|       | Owned by J. W. Clise, Redmond, Wash.                     |       |        |         |        |
| 17024 | Lizzie of Barclay, 116 (2d entry) .....                  | 8,957 | 395.70 | 462     | 4.42   |
|       | Owned by Geo. H. McFadden, Bryn Mawr, Pa.                |       |        |         |        |
| 15845 | Nancy of Picton Island, 543 .....                        | 8,942 | 356.83 | 416     | 3.99   |
|       | Owned by John Sherwin, Cleveland, Ohio.                  |       |        |         |        |
| 24095 | Starline of Wellington, 345 .....                        | 8,910 | 383.93 | 448     | 4.3    |
|       | Owned by A. B. McConnell & Sons, Wellington, Ohio.       |       |        |         |        |



TORRS SIBELLA  
Owned by J. W. Ogden, Morristown, N. J.



NETHERHALL JEAN 3RD  
Owned by J. W. Clise, Redmond, Wash.

Mature class, 10,920 lbs. of milk, 43,333 lbs. of fat, equal to 506 lbs. of butter with 3.97 per cent. fat.

MATURE FORM—*Continued.*

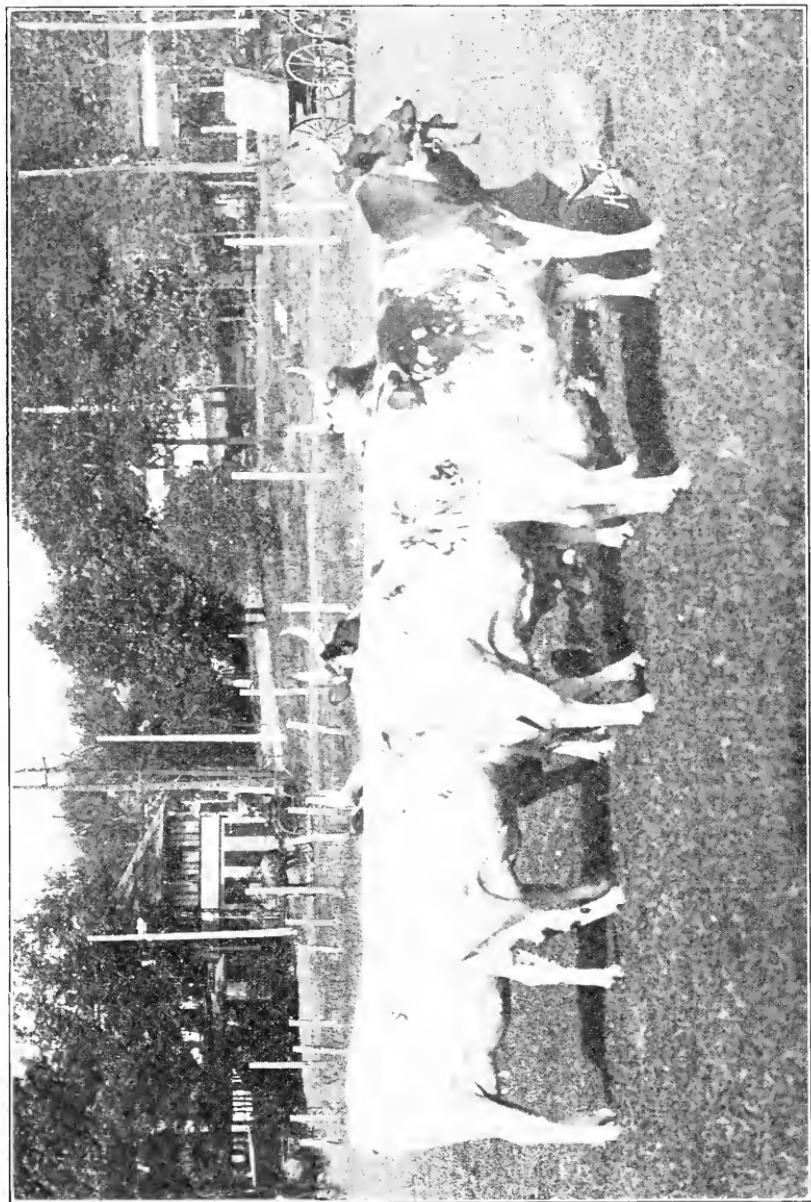
|       |  | Lbs.  | Lbs.   | Lbs.    | % Fat. |
|-------|--|-------|--------|---------|--------|
|       |  | Milk. | Fat.   | Butter. |        |
| 21427 | Finlayston Cherry 6th, 155..                         | 8,903 | 335.72 | 392     | 3.77   |
|       | Owned by Geo. H. McFadden, Bryn Mawr, Pa.            |       |        |         |        |
| 21849 | Baby Douglas, 71 (3d entry)                          | 8,892 | 359.6  | 420     | 4.04   |
|       | Owned by Hill Top Farm, Wheeling, W. Va.             |       |        |         |        |
| 20500 | Margaret of Rathalla, 353 (2d entry) .....           | 8,881 | 332.55 | 388     | 3.75   |
|       | Owned by Hart Wallace, Shelbyville, Ky.              |       |        |         |        |
| 18081 | Delta Melrose, 555 .....                             | 8,874 | 329.68 | 385     | 3.72   |
|       | Owned by Hart Wallace, Shelbyville, Ky.              |       |        |         |        |
| 20630 | Ena Drummond, 394 .....                              | 8,839 | 357.88 | 418     | 4.05   |
|       | Owned by Hill Top Farm, Wheeling, W. Va.             |       |        |         |        |
| 23869 | Gateside Dandy 7th, 424....                          | 8,812 | 331.71 | 387     | 3.76   |
|       | Owned by J. W. Clise, Redmond, Wash.                 |       |        |         |        |
| 12773 | Iola Lorne, 17 .....                                 | 8,806 | 335.35 | 391     | 3.81   |
|       | Owned by C. M. Winslow, Brandon, Vt.                 |       |        |         |        |
| 20052 | Ailie, 410 .....                                     | 8,791 | 334.80 | 391     | 3.8    |
|       | Owned by Dudley Wells, Wethersfield, Conn.           |       |        |         |        |
| 9581  | Nancy B., 3 .....                                    | 8,782 | 356.56 | 416     | 4.14   |
|       | Owned by Vermont Experiment Station, Burlington, Vt. |       |        |         |        |
| 17018 | Friskey of Bonshaw, 144....                          | 8,767 | 374.41 | 437     | 4.27   |
|       | Owned by Geo. H. McFadden, Bryn Mawr, Pa.            |       |        |         |        |
| 13032 | Himona, 7 .....                                      | 8,765 | 376.30 | 439     | 4.26   |
|       | Owned by Etna J. Fletcher, Greenfield, N. H.         |       |        |         |        |
| 17874 | Netherwood Empress, 272..                            | 8,762 | 390.50 | 456     | 4.46   |
|       | Owned by Hill Top Farm, Wheeling, W. Va.             |       |        |         |        |
| 15262 | Bertha M., 126 .....                                 | 8,754 | 365.84 | 427     | 4.18   |
|       | Owned by S. S. Karr & Son, Almond, N. Y.             |       |        |         |        |
| 10056 | Flossie A., 273 .....                                | 8,731 | 341.01 | 398     | 3.9    |
|       | Owned by Good Hold Farm, Mentor, Ohio.               |       |        |         |        |
| 19216 | Brown Eyes of Knockdon, 150                          | 8,724 | 354.   | 413     | 4.05   |
|       | Owned by Geo. H. McFadden, Bryn Mawr, Pa.            |       |        |         |        |
| 20322 | Sly Cordeilia 2d, 274.....                           | 8,711 | 355.25 | 414     | 4.08   |
|       | Owned by Hill Top Farm, Wheeling, W. Va.             |       |        |         |        |
| 23075 | Sarah Hebron, 367 (2d ent.)                          | 8,709 | 425.85 | 497     | 4.89   |
|       | Owned by M. J. Karr & Son, Almond, N. Y.             |       |        |         |        |
| 13606 | Cad's Beauty, 6 .....                                | 8,702 | 382.30 | 446     | 4.39   |
|       | Owned by Etna J. Fletcher, Greenfield, N. H.         |       |        |         |        |
| 24991 | Gateside Wallace 6th, 386..                          | 8,696 | 350.22 | 409     | 4.03   |
|       | Owned by J. W. Clise, Redmond, Wash.                 |       |        |         |        |
| 18679 | Agnese Sebastian, 107 (2d entry) .....               | 8,660 | 328.43 | 383     | 3.79   |
|       | Owned by J. F. Butterfield Co., So. Montrose, Pa.    |       |        |         |        |
| 26099 | Miss Erica, 428 .....                                | 8,653 | 351.41 | 410     | 4.06   |
|       | Owned by J. W. Ogden, Morristown, N. J.              |       |        |         |        |
| 21704 | Lady Bruce, 200 .....                                | 8,648 | 326.46 | 381     | 3.71   |
|       | Owned by J. W. Clise, Redmond, Wash.                 |       |        |         |        |
| 13318 | Alcyone of the Plain, 122...                         | 8,646 | 322.91 | 377     | 3.74   |
|       | Owned by Conn. Agr'l College, Storrs, Conn.          |       |        |         |        |
| 15564 | Ruby Russell, 119 .....                              | 8,643 | 325.86 | 382     | 3.77   |
|       | Owned by Henry Dorrance, Plainfield, Conn.           |       |        |         |        |
| 11476 | Roanette, 10 .....                                   | 8,638 | 331.71 | 387     | 3.84   |
|       | Owned by L. S. Drew, So. Burlington, Vt.             |       |        |         |        |

## MATURE FORM—Continued.

|  |   | Lbs.<br>Milk. | Lbs.<br>Fat. | Lbs.<br>Butter. | % Fat. |
|--|---|---------------|--------------|-----------------|--------|
| 16535  | Lady Bell 2d, 137.....                            | 8,628         | 352.57       | 411             | 4.09   |
|  | Owned by John R. Valentine, Bryn Mawr, Pa.        |               |              |                 |        |
| 21690  | Morton Mains Faustina Scaiffe,<br>442 .....       | 8,623         | 332.57       | 387             | 3.86   |
|  | Owned by Percival Roberts, Jr., Narberth, Pa.     |               |              |                 |        |
| 17533  | Miss Lulian of Barcheskie,<br>275 .....           | 8,616         | 334.44       | 390             | 3.89   |
|  | Owned by J. A. Ness, Auburn, Me.                  |               |              |                 |        |
| 21349  | Iona Melrose, 565 .....                           | 8,607         | 324.01       | 378             | 3.76   |
|  | Owned by Friends' Asylum, Frankford, Pa.          |               |              |                 |        |
| 26998  | Lessnessock Stylish Dairy<br>Flora 2d, 567 .....  | 8,583         | 327.38       | 382             | 3.81   |
|  | Owned by F. N. Dow, Portland, Me.                 |               |              |                 |        |
| 24547  | Princess of Woodstock, 533.                       | 8,578         | 337.82       | 394             | 3.94   |
|  | Owned by Branford Farms, Groton, Conn.            |               |              |                 |        |
| 16534  | Oshawa Lass of Highland, 138                      | 8,561         | 324.         | 378             | 4.02   |
|  | Owned by John R. Valentine, Bryn Mawr, Pa.        |               |              |                 |        |
| 15105  | Lady Browning, 151 .....                          | 8,531         | 321.88       | 376             | 3.77   |
|  | Owned by Geo. H. McFadden, Bryn Mawr, Pa.         |               |              |                 |        |
| 30882  | Erica 3d, 538 .....                               | 8,526         | 323.57       | 378             | 3.8    |
|  | Owned by Branford Farms, Groton, Conn.            |               |              |                 |        |
| 21628  | Clockston Bella 2d, 152.....                      | 8,509         | 353.05       | 412             | 4.15   |
|  | Owned by Geo. H. McFadden, Bryn Mawr, Pa.         |               |              |                 |        |
| 11470  | Yucca, 13 .....                                   | 8,502         | 323.14       | 377             | 3.8    |
|  | Owned by Geo. H. Yeaton, Dover, N. H.             |               |              |                 |        |
| 17457  | Ruth Webb, 276 .....                              | 8,500         | 342.74       | 400             | 4.03   |
|  | Owned by J. F. Butterfield Co., So. Montrose, Pa. |               |              |                 |        |
| 15033  | Lulu Avondale, 24 (2d entry)                      | 8,326         | 335.82       | 392             | 4.03   |
|  | Owned by C. M. Winslow, Brandon, Vt.              |               |              |                 |        |
| The average of the two year old form is .....      |   |               |              |                 |        |
|  | 209   | 7,640         | 306.72       | 358             | 4.     |
| The average of the three year old form is .....    |   |               |              |                 |        |
|  | 118   | 8,809         | 347.98       | 406             | 3.95   |
| The average of the four year old form is .....     |   |               |              |                 |        |
|  | 82  | 9,310         | 365.85       | 427             | 3.93   |
| The average of the mature form is .....            |   |               |              |                 |        |
|  | 275   | 10,286        | 399.84       | 462             | 3.81   |
| The average of the whole, cows and heifers is..... |   |               |              |                 |        |
|  | 684   | 9,105         | 356.89       | 416             | 3.92   |

A COMPLETE LIST OF ALL BULLS WHOSE DAUGHTERS HAVE QUALIFIED FOR ADVANCED REGISTRY.

| Ayrshire<br>Advanced<br>Record No. | Advanced<br>Registry No. | Name of Bull                        | Total Cows<br>in A.R. | Total<br>Lbs. Milk. | Total<br>Lbs. Fat. | Total<br>Lbs. Butter. | Average<br>% Fat. |
|------------------------------------|--------------------------|-------------------------------------|-----------------------|---------------------|--------------------|-----------------------|-------------------|
| 7312                               | 6                        | Nox'emall .....                     | 27                    | 253,273             | 9,770.74           | 11,396                | 3.85              |
| 8289                               | 19                       | Earl's Choice of Spring Hill .....  | 27                    | 236,882             | 10,162.74          | 11,827                | 4.28              |
| 5633                               | 13                       | Major Ayer .....                    | 16                    | 171,844             | 7,074.78           | 8,255                 | 4.12              |
| 8882                               | 30                       | Finlayston .....                    | 16                    | 161,863             | 6,693.69           | 7,801                 | 4.14              |
| 8228                               | 7                        | Monstone of Drumsue .....           | 19                    | 160,885             | 6,574.93           | 7,669                 | 4.09              |
| 7168                               | 14                       | Colonel Ayer .....                  | 17                    | 144,306             | 5,977.67           | 6,974                 | 3.90              |
| 8261                               | 25                       | Clarence's Star .....               | 10                    | 91,673              | 3,348.42           | 3,908                 | 3.67              |
| 7670                               | 9                        | Geo. of Rosemont .....              | 10                    | 84,478              | 3,381.69           | 3,946                 | 4.04              |
| 7410                               | 33                       | Vicer of Wakefield .....            | 8                     | 82,814              | 3,073.37           | 3,585                 | 3.71              |
| 6269                               | 16                       | Selbastian .....                    | 9                     | 81,479              | 3,117.72           | 3,637                 | 3.86              |
| 9160                               | 74                       | Crimson Boy .....                   | 9                     | 79,712              | 3,053.83           | 3,562                 | 3.86              |
| 6517                               | 42                       | Major Acme .....                    | 7                     | 79,269              | 2,822.97           | 3,294                 | 3.58              |
| 6711                               | 15                       | Prince of Barclay .....             | 8                     | 75,086              | 3,224.14           | 3,761                 | 4.27              |
| 7872                               | 21                       | John Doland .....                   | 7                     | 74,975              | 2,968.55           | 3,264                 | 3.99              |
| 8119                               | 45                       | Monstone .....                      | 9                     | 74,351              | 3,075.07           | 3,586                 | 4.14              |
| 7727                               | 52                       | Inglis .....                        | 7                     | 72,468              | 2,658.21           | 3,102                 | 3.71              |
| 6878                               | 26                       | Yucca Lad .....                     | 7                     | 69,199              | 2,475.35           | 2,888                 | 3.59              |
| 9370                               | 71                       | Howie's Fizzaway .....              | 9                     | 68,280              | 2,755.99           | 3,216                 | 4.07              |
| 6376                               | 32                       | Lord Douglas 1 of Maple Grove ..... | 6                     | 64,307              | 2,506.34           | 2,923                 | 3.89              |
| 4535                               | 1                        | Nonpareil .....                     | 6                     | 60,766              | 2,175.             | 2,537                 | 3.61              |
| 6938                               | 2                        | Reynard .....                       | 8                     | 57,746              | 2,166.69           | 2,522                 | 3.79              |
| 6180                               | 4                        | Duke of Ayer .....                  | 7                     | 57,552              | 2,290.09           | 2,672                 | 3.99              |
| 10348                              | 76                       | Holehouse White King .....          | 7                     | 55,436              | 1,993.80           | 2,336                 | 3.62              |
| 6332                               | 49                       | White Chief of Ste Anne's .....     | 5                     | 54,090              | 2,119.09           | 2,472                 | 3.93              |
| 9045                               | 27                       | Hollis Martinot .....               | 7                     | 53,299              | 1,925.51           | 2,249                 | 3.61              |
| 7225                               | 11                       | Oshawa of Highland .....            | 6                     | 53,020              | 2,211.21           | 2,580                 | 4.17              |
| 6710                               | 23                       | Clover Leaf .....                   | 6                     | 51,571              | 1,931.80           | 2,258                 | 3.78              |

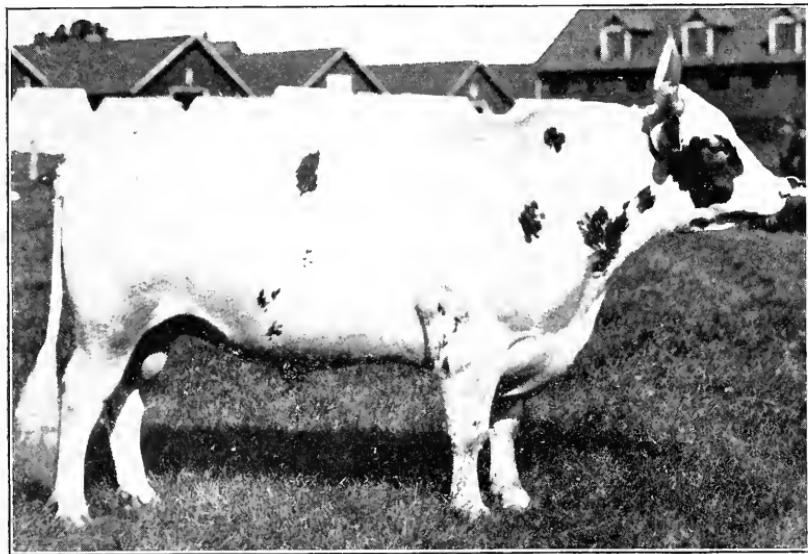


CHAMPION QUARTET AT WATERLOO, 1911  
Owned by J. W. Clise, Redmond, Wash.

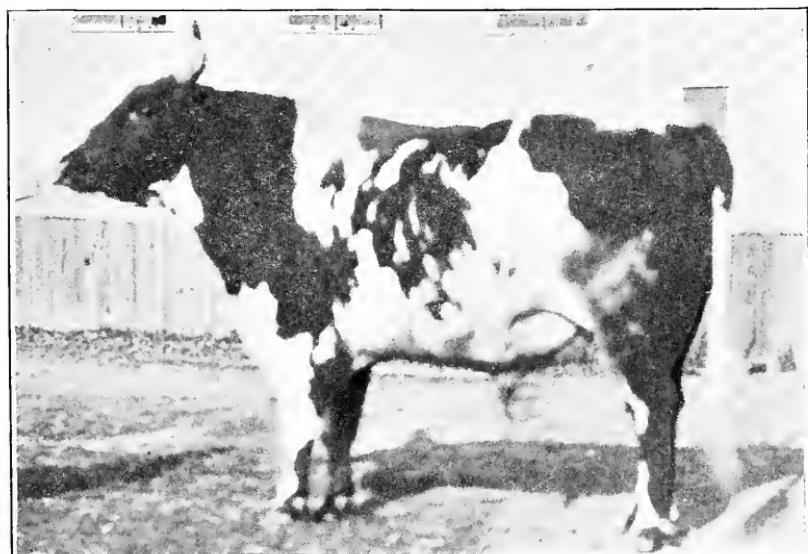
| Ayrshire<br>Record No. | Advanced<br>Registry No. | Name of Bull.                       | Total<br>in A. R. | Total<br>Lbs. Milk. | Total<br>Lbs. Fat. | Total<br>Lbs. Butter. | Average<br>% Fat. |
|------------------------|--------------------------|-------------------------------------|-------------------|---------------------|--------------------|-----------------------|-------------------|
| 6775                   | 17                       | Beloit Ayer .....                   | 5                 | 50,998              | 2,000.78           | 2,334                 | 4.55              |
| 8089                   |                          | Duke of Littleton .....             | 5                 | 48,147              | 1,730.24           | 2,019                 | 3.62              |
| 3869                   | 50                       | Henry of Barclay .....              | 5                 | 48,130              | 1,801.33           | 2,102                 | 3.74              |
| 6948                   | 58                       | Sprightly Boy of Hickory Hill ..... | 5                 | 44,320              | 1,829.48           | 2,134                 | 4.14              |
| 6234                   | 60                       | Dandy Webb .....                    | 4                 | 43,954              | 1,623.28           | 1,894                 | 3.83              |
| “6410”                 |                          | Torrs Mayor .....                   | 5                 | 43,205              | 1,722.73           | 2,011                 | 3.98              |
| 6548                   | 29                       | Solitaire .....                     | 4                 | 42,282              | 1,552.42           | 1,811                 | 3.66              |
| 7075                   |                          | Starlight .....                     | 4                 | 41,597              | 1,579.54           | 1,843                 | 3.75              |
| 6586                   | 57                       | Duke of Almond .....                | 4                 | 40,686              | 1,675.15           | 1,955                 | 4.14              |
| 9855                   | 72                       | Howie's Dairy King .....            | 5                 | 40,679              | 1,595.47           | 1,863                 | 3.96              |
| 9608                   | 73                       | Lessnessock Royal Star .....        | 5                 | 37,476              | 1,564.29           | 1,826                 | 4.23              |
| “3607”                 |                          | Lord Nelson of Ardgowan .....       | 2                 | 33,007              | 1,265.61           | 1,477                 | 3.83              |
| “4583”                 |                          | Rising Star of Auchenbrain .....    | 3                 | 32,789              | 1,362.01           | 1,688                 | 4.16              |
| 10360                  | 55                       | Johnny J. .....                     | 4                 | 30,370              | 1,233.40           | 1,439                 | 4.08              |
| 6634                   | 8                        | Carbello .....                      | 4                 | 30,312              | 1,085.49           | 1,267                 | 3.64              |
| 7272                   | 31                       | Harcourt of B. .....                | 2                 | 29,429              | 1,149.78           | 1,341                 | 3.93              |
| 9687                   | 77                       | King of Netherhall .....            | 4                 | 29,226              | 1,145.55           | 1,337                 | 3.93              |
| 8718                   | 53                       | Drummondine .....                   | 2                 | 29,145              | 1,091.53           | 1,376                 | 3.74              |
| “4021”                 |                          | Prince Robert of Holehouse .....    | 3                 | 28,744              | 1,194.26           | 1,394                 | 4.26              |
| 8233                   | 41                       | Glenora Mint .....                  | 3                 | 28,509              | 1,176.90           | 1,257                 | 3.73              |
| 6708                   | 37                       | Dewey Auchenbrain .....             | 2                 | 28,138              | 1,156.40           | 1,450                 | 4.10              |
| 10448                  | 75                       | Earl of Almond .....                | 4                 | 27,978              | 1,179.31           | 1,375                 | 4.28              |
| 7602                   | 47                       | Dunraven of Ste. Anne's .....       | 3                 | 27,859              | 1,136.71           | 1,326                 | 4.08              |
| 9457                   |                          | Cleg .....                          | 2                 | 27,747              | 1,139.67           | 1,330                 | 4.12              |
| 6705                   | 43                       | Tam Oshanta .....                   | 3                 | 26,639              | 1,059.34           | 1,224                 | 4.02              |
| 7135                   | 46                       | Joker .....                         | 2                 | 26,213              | 927.76             | 1,083                 | 3.84              |
| 7672                   |                          | Bob of Radnor .....                 | 2                 | 25,808              | 977.11             | 1,140                 | 3.82              |
| 6248                   | 5                        | Glencairn of Ridgeside .....        | 3                 | 25,011              | 985.30             | 1,150                 | 3.93              |
| 8651                   | 56                       | Doc Ayer of Sunnyside .....         | 3                 | 24,647              | 1,007.65           | 1,175                 | 4.08              |

| Ayrshire<br>Record No. | Advanced<br>Registry No. | Name of Bull                     | Total Cows<br>in A.R. | Lbs. Milk. | Lbs. Fat. | Total<br>Lbs. Butter. | Average<br>% Fat. |
|------------------------|--------------------------|----------------------------------|-----------------------|------------|-----------|-----------------------|-------------------|
| 9131                   | 62                       | Moonstone 2d of Barclay .....    | 3                     | 24,439     | 1,042.81  | 1,216                 | 4.36              |
| 5651                   | 12                       | Twister .....                    | 3                     | 24,364     | 886.73    | 1,034                 | 3.64              |
| “4602”                 |                          | General Macdonald of Hillhouse.. | 2                     | 23,951     | 923.55    | 1,078                 | 3.85              |
| 11069                  |                          | Lord McAlister of Glenora.....   | 2                     | 22,700     | 937.70    | 1,094                 | 4.15              |
| 6083                   |                          | Yarmouth .....                   | 2                     | 22,411     | 856.05    | 998                   | 4.31              |
| 7202                   | 24                       | Bill McDermott .....             | 2                     | 21,915     | 800.45    | 934                   | 3.66              |
| 7502                   |                          | Judge Mitchell .....             | 2                     | 21,817     | 821.46    | 958                   | 3.76              |
| “5323”                 |                          | Gardrum Danley .....             | 2                     | 21,586     | 812.04    | 948                   | 3.77              |
| 10020                  | 63                       | Lessnessock Douglas Monarch..    | 2                     | 21,479     | 881.94    | 1,029                 | 4.10              |
| “5297”                 |                          | Skath General Knox 1st.....      | 2                     | 21,178     | 774.44    | 904                   | 3.66              |
| “5027”                 |                          | McQuittiston General French..... | 2                     | 21,161     | 731.31    | 853                   | 3.48              |
| 6762                   |                          | Douglas of Loudoun .....         | 2                     | 21,127     | 815.23    | 951                   | 3.85              |
| “2760”                 |                          | Sir Thomas of Auchenbrain.....   | 2                     | 21,078     | 811.73    | 946                   | 3.86              |
| “4779”                 |                          | Sergeant Major of Castlemains..  | 2                     | 20,887     | 768.80    | 897                   | 3.68              |
| 7070                   |                          | Cocka-Bendie .....               | 2                     | 20,878     | 824.24    | 962                   | 3.99              |
| 7515                   |                          | Bonnie Briar .....               | 2                     | 20,861     | 828.59    | 966                   | 3.98              |
| “4900”                 |                          | St. Simon of Auchenbrain.....    | 2                     | 20,418     | 874.74    | 1,020                 | 4.30              |
| 9456                   |                          | Roy Lugs .....                   | 2                     | 20,323     | 790.15    | 921                   | 3.89              |
| “2912”                 |                          | Yellow Squire of Castlehill..... | 2                     | 20,272     | 791.61    | 924                   | 3.94              |
| 4213                   | 3                        | Linwood .....                    | 2                     | 20,179     | 788.47    | 920                   | 3.89              |
| 9920                   | 64                       | Prince Charlie .....             | 2                     | 19,908     | 889.35    | 1,038                 | 4.45              |
| 8479                   |                          | Prince of Sand Hill .....        | 2                     | 19,714     | 858.07    | 1,002                 | 4.55              |
| “4573”                 |                          | Burnnock King of Finlayston..... | 2                     | 19,662     | 781.83    | 912                   | 3.96              |
| 7178                   |                          | Kelvyn .....                     | 2                     | 19,618     | 697.80    | 814                   | 3.57              |
| 4692                   | 18                       | Caimar .....                     | 2                     | 19,311     | 671.11    | 783                   | 3.48              |
| 4841                   | 35                       | Jasper .....                     | 2                     | 19,271     | 665.54    | 792                   | 3.53              |
| 8862                   |                          | Chief of Drumcap .....           | 2                     | 19,205     | 636.89    | 743                   | 3.32              |
| “5568”                 |                          | Cars on Sir David .....          | 2                     | 18,921     | 742.57    | 866                   | 3.98              |
| 7271                   | 48                       | Goldfiner .....                  | 2                     | 18,890     | 721.49    | 842                   | 3.78              |

| Ayrshire<br>Record No. | Advanced<br>Registry No. | Name of Bull.                       | Total<br>in A. R. | Cows<br>Lbs. Milk. | Total<br>Lbs. Fat. | Total<br>Lbs. Butter. | Average<br>% Fat. |
|------------------------|--------------------------|-------------------------------------|-------------------|--------------------|--------------------|-----------------------|-------------------|
| 7398<br>"2903"         | 20                       | Jo Smith<br>Travellers Heir .....   | 2                 | 18,833             | 675.96             | 789                   | 3.56              |
| 8662                   | 40                       | Jumbo of Radnor .....               | 2                 | 18,749             | 735.01             | 857                   | 3.92              |
| 6801                   | 61                       | Prince of Rome .....                | 2                 | 18,467             | 712.97             | 832                   | 3.86              |
| 9740<br>"3830"         |                          | Alfred Star .....                   | 2                 | 18,146             | 823.23             | 960                   | 4.54              |
| 8834                   |                          | Prince Imperial of Netherhall ..... | 1                 | 18,110             | 671.72             | 773                   | 3.71              |
| 11193                  | 67                       | White Pete .....                    | 2                 | 18,004             | 820.91             | 958                   | 4.53              |
| 9250                   |                          | Albert Cook .....                   | 2                 | 17,770             | 613.65             | 716                   | 3.41              |
| 7346                   | 28                       | Mornington Cannon .....             | 2                 | 17,608             | 663.58             | 774                   | 3.74              |
| 5462                   | 34                       | Black Douglas of Lyndeboro .....    | 2                 | 17,600             | 723.37             | 844                   | 8.22              |
| "4641"                 |                          | Dandy Webb .....                    | 2                 | 17,548             | 685.24             | 809                   | 3.91              |
| 6886                   | 39                       | St. Malcolm of Mansurae .....       | 2                 | 17,508             | 681.93             | 796                   | 3.90              |
| 6904                   | 38                       | Castleton .....                     | 2                 | 17,212             | 631.06             | 736                   | 3.66              |
| 9728                   |                          | Essex Boy .....                     | 2                 | 17,119             | 666.76             | 778                   | 3.88              |
| 9954                   |                          | Statesman of Spring Hill .....      | 2                 | 16,617             | 725.81             | 847                   | 4.36              |
| 10034                  | 69                       | Howie's Flash Light .....           | 2                 | 16,471             | 630.91             | 736                   | 3.85              |
| "5927"                 |                          | Barcheskie Copestone .....          | 2                 | 16,205             | 584.69             | 683                   | 3.62              |
| 9535                   | 51                       | Nether Craig Spicy Sam .....        | 2                 | 15,971             | 725.64             | 846                   | 4.50              |
| 5892                   | 36                       | Barcheskie King's Own .....         | 2                 | 15,970             | 654.82             | 764                   | 4.20              |
| 9823                   |                          | Oil Prince .....                    | 2                 | 15,631             | 641.69             | 748                   | 4.11              |
| 9727                   | 65                       | Jerome .....                        | 2                 | 15,616             | 622.63             | 727                   | 3.98              |
| 9726                   |                          | Bannerman of Spring Hill .....      | 2                 | 15,502             | 696.94             | 814                   | 4.50              |
| 9565                   | 59                       | Lessnessock King of Beauty .....    | 2                 | 15,309             | 657.06             | 766                   | 4.13              |
| 10011                  |                          | Corector .....                      | 2                 | 15,263             | 618.67             | 722                   | 4.11              |
| 8970                   | 70                       | Jean's Canuck .....                 | 2                 | 15,078             | 542.70             | 633                   | 3.61              |
| 8922                   | 66                       | Hugh of Barclay .....               | 2                 | 14,963             | 631.73             | 738                   | 4.25              |
| 8143                   | 54                       | Loder .....                         | 2                 | 14,615             | 527.49             | 615                   | 3.60              |
|                        |                          | Donovan .....                       | 2                 | 14,255             | 555.15             | 647                   | 3.89              |
| 7337                   |                          | Kelso Lad .....                     | 1                 | 13,956             | 518.71             | 605                   | 3.72              |



BARGENOCH GAY CAVALIER  
Champion at Wisconsin State Fair, 1910  
Owned by Adam Seitz, Waukesha, Wis.



BARCHESKIE'S COPESTONE  
Owned by J. A. Ness, Auburn, Me.

| Ayrshire<br>Record No. | Advanced<br>Registry No. | Name of Bull.                     | Total Cows<br>in A.R. | Total<br>Lbs. Milk. | Total<br>Lbs. Fat. | Total<br>Lbs. Butter. | Average<br>% Fat. |
|------------------------|--------------------------|-----------------------------------|-----------------------|---------------------|--------------------|-----------------------|-------------------|
| 9642                   | 44                       | White Duke of Frankford.....      | 2                     | 13,750              | 617.42             | 720                   | 3.95              |
| 8860                   |                          | Netherhall Macdonald .....        | 2                     | 13,743              | 558.72             | 651                   | 4.07              |
| “4542”                 |                          | Burnhouses of Auchenbrack.....    | 1                     | 13,097              | 532.87             | 622                   | 4.07              |
| “4899”                 |                          | Ringleader of Auchenbrain .....   | 1                     | 12,995              | 468.42             | 547                   | 3.60              |
| “6090”                 |                          | Bogwood Prince .....              | 1                     | 12,969              | 491.38             | 573                   | 3.79              |
| 9619                   | 68                       | St. Louis .....                   | 2                     | 12,551              | 484.45             | 566                   | 3.86              |
| 6044                   | 10                       | Rothage .....                     | 2                     | 12,537              | 498.86             | 582                   | 3.97              |
| 10037                  |                          | Henry Drummond .....              | 1                     | 12,423              | 408.68             | 477                   | 3.29              |
| 5730                   |                          | Aldine’s Dandy .....              | 1                     | 12,392              | 456.25             | 532                   | 3.76              |
| 7169                   |                          | Scotty .....                      | 1                     | 12,230              | 511.44             | 597                   | 4.18              |
| 3355                   |                          | Emperor .....                     | 1                     | 12,172              | 468.               | 546                   | 3.84              |
| 6903                   |                          | Umpire S. .....                   | 1                     | 12,044              | 429.35             | 501                   | 3.56              |
| 7411                   |                          | Arthes S. .....                   | 1                     | 11,585              | 399.37             | 466                   | 3.45              |
| 8590                   |                          | Rodrick Dhu .....                 | 1                     | 11,463              | 417.71             | 487                   | 3.64              |
| 9186                   |                          | Spotted Shylock .....             | 1                     | 11,374              | 409.39             | 478                   | 3.60              |
| 6873                   |                          | Bingle .....                      | 1                     | 11,309              | 386.55             | 451                   | 3.42              |
| 5602                   |                          | Jacob Athol of Ste. Anne’s .....  | 1                     | 11,115              | 438.88             | 512                   | 3.94              |
| 8072                   |                          | Blair Athol of Ste. Anne’s .....  | 1                     | 10,859              | 413.15             | 482                   | 3.81              |
| 6574                   |                          | Gen. Coxey .....                  | 1                     | 10,859              | 394.76             | 461                   | 3.63              |
| “5531”                 |                          | Howie’s Spicy Robin .....         | 1                     | 10,800              | 404.56             | 472                   | 3.75              |
| “4861”                 |                          | Major of Southwick .....          | 1                     | 10,748              | 368.53             | 430                   | 3.43              |
| 7087                   |                          | Cloverdale Prince .....           | 1                     | 10,615              | 358.13             | 418                   | 3.37              |
| 8904                   |                          | Cherrokee .....                   | 1                     | 10,587              | 432.48             | 505                   | 4.08              |
| “4034”                 |                          | General of Carnigillan .....      | 1                     | 10,564              | 392.46             | 458                   | 3.72              |
| 8295                   |                          | Rapid’s Wonder .....              | 1                     | 10,554              | 391.74             | 457                   | 3.75              |
| “4108”                 |                          | Bright Smiles of Netherraig ..... | 1                     | 10,507              | 394.90             | 461                   | 3.76              |
| 5543                   |                          | Prince of Hillside .....          | 1                     | 10,409              | 401.28             | 468                   | 3.85              |
| 5574                   |                          | Carlton Omega .....               | 1                     | 10,298              | 351.70             | 410                   | 3.44              |
| “4035”                 |                          | Sir John of Old Graitney .....    | 1                     | 10,282              | 375.34             | 438                   | 3.65              |

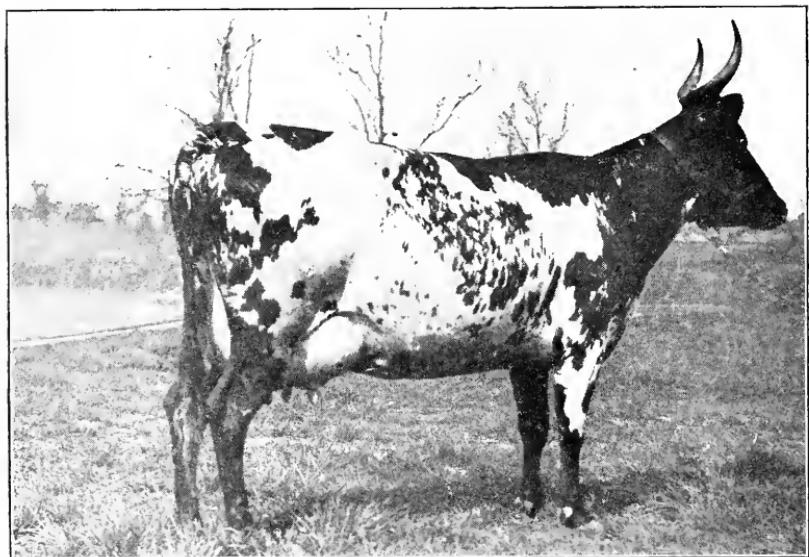
| Ayrshire<br>Record No. | Advanced<br>Registry No. | Name of Bull.                  | Total Cows<br>in A. R. | Total<br>Lbs. Milk. | Total<br>Lbs. Fat. | Total<br>Lbs. Butter. | Average<br>% Fat. |
|------------------------|--------------------------|--------------------------------|------------------------|---------------------|--------------------|-----------------------|-------------------|
| 5134                   | “7384”                   | Lord Mar .....                 | 1                      | 10,200              | 386.57             | 451                   | 3.79              |
| 7315                   | “4846”                   | Torrs Trueman .....            | 1                      | 10,157              | 392.76             | 458                   | 3.86              |
| 9035                   | “4350”                   | Riverside King .....           | 1                      | 10,103              | 406.90             | 475                   | 4.02              |
| 6875                   | “7140”                   | Barcheskie King’s Crest .....  | 1                      | 10,101              | 449.84             | 525                   | 4.45              |
| 8463                   | “6196”                   | Royalist of Dunjop .....       | 1                      | 10,100              | 369.95             | 432                   | 3.66              |
| 7208                   | “3199”                   | Good Hope of Auchenbrain ..... | 1                      | 10,092              | 392.35             | 458                   | 3.88              |
| 10258                  | “5257”                   | Glengary of Chateaugay .....   | 1                      | 10,082              | 394.12             | 460                   | 3.90              |
| 3965                   | “6196”                   | Happy Lad .....                | 1                      | 10,078              | 396.29             | 462                   | 3.93              |
| 6997                   | “5707”                   | Chambleton .....               | 1                      | 10,068              | 382.99             | 447                   | 3.80              |
| 8795                   | “7364”                   | Pride of Hillview .....        | 1                      | 10,032              | 392.89             | 458                   | 3.92              |
| 6199                   | “5707”                   | Invermore .....                | 1                      | 9,924               | 440.60             | 514                   | 4.44              |
| 5624                   | “5707”                   | Beuchan Peter Pan .....        | 1                      | 9,914               | 334.87             | 391                   | 3.38              |
| 4328                   | “5707”                   | Colonel Crawford .....         | 1                      | 9,913               | 360.05             | 420                   | 3.63              |
| 7103                   | “5707”                   | Castiehill .....               | 1                      | 9,903               | 386.99             | 451                   | 3.91              |
| 7179                   | “5707”                   | Americus .....                 | 1                      | 9,903               | 341.25             | 398                   | 3.44              |
| 4678                   | “5707”                   | Royal Kyle of Bonshaw .....    | 1                      | 9,874               | 372.69             | 435                   | 3.87              |
| 5624                   | “5707”                   | Auchenbrain Drummie .....      | 1                      | 9,842               | 469.43             | 548                   | 4.77              |
| 4328                   | “5707”                   | Duke of Rome .....             | 1                      | 9,835               | 351.38             | 410                   | 3.57              |
| 9460                   | “5707”                   | Sir Roger K. .....             | 1                      | 9,745               | 450.30             | 525                   | 4.60              |
| 7259                   | “5707”                   | Quampegan .....                | 1                      | 9,745               | 341.29             | 398                   | 3.50              |
| 5624                   | “5707”                   | Prince Lion .....              | 1                      | 9,741               | 388.06             | 453                   | 3.99              |
| 4328                   | “5707”                   | Albermarle .....               | 1                      | 9,740               | 367.71             | 429                   | 3.78              |
| 7103                   | “5707”                   | Marquis of Danville .....      | 1                      | 9,719               | 417.59             | 487                   | 4.30              |
| 7179                   | “5707”                   | Eva’s Heir .....               | 1                      | 9,695               | 363.22             | 424                   | 3.75              |
| 4678                   | “5707”                   | Beppo .....                    | 1                      | 9,693               | 351.87             | 411                   | 3.62              |
| 5707                   | “5707”                   | Jeanfield Traveller .....      | 1                      | 9,693               | 352.31             | 411                   | 3.68              |
| 7364                   | “5707”                   | Vinewood Drummund .....        | 1                      | 9,645               | 357.44             | 417                   | 3.21              |
| 9549                   | “5707”                   | White Chief of Alfred .....    | 1                      | 9,564               | 372.12             | 382                   | 3.42              |
|                        |                          | White Prince .....             | 1                      | 9,557               | 325.13             | 379                   | 3.40              |

| Ayrshire<br>Record No. | Advanced<br>Registry No.        | Name of Bull. | Total Cows<br>in A. R. | Total<br>Lbs. Milk. | Total<br>Lbs. Fat. | Total<br>Lbs. Butter. | Average<br>% Fat. |
|------------------------|---------------------------------|---------------|------------------------|---------------------|--------------------|-----------------------|-------------------|
| 6565                   | Spotted Sam                     | 1             | 9,530                  | 348.32              | 406                | 3.65                  |                   |
| “4200”                 | Shamrock of Bonshaw             | 1             | 9,468                  | 405.13              | 473                | 4.28                  |                   |
| 7373                   | Addison                         | 1             | 9,465                  | 322.44              | 377                | 3.41                  |                   |
| 8949                   | Spotted Reliance                | 1             | 9,413                  | 352.61              | 411                | 3.75                  |                   |
| “4352”                 | General Buller of Broomhill     | 1             | 9,409                  | 384.20              | 448                | 4.08                  |                   |
| 5657                   | Hester Boy                      | 1             | 9,383                  | 360.85              | 421                | 3.85                  |                   |
| 4658                   | Sir Webb                        | 1             | 9,366                  | 363.24              | 424                | 3.88                  |                   |
| 8725                   | Dean Wallbridge                 | 1             | 9,348                  | 391.02              | 456                | 4.18                  |                   |
| 5580                   | Jerry Drummond                  | 1             | 9,324                  | 344.62              | 402                | 3.70                  |                   |
| “5543”                 | Oldhall Forest Chief            | 1             | 9,293                  | 451.20              | 526                | 4.86                  |                   |
| 6640                   | Duke Clarence of Barcheskie     | 1             | 9,259                  | 313.03              | 365                | 3.38                  |                   |
| 10357                  | Spike                           | 1             | 9,252                  | 341.53              | 398                | 3.69                  |                   |
| “2508”                 | Barry of Kirkchrist             | 1             | 9,228                  | 337.                | 393                | 3.65                  |                   |
| “5135”                 | Garcalaugh Substance            | 1             | 9,224                  | 341.61              | 399                | 3.70                  |                   |
| 7743                   | Silver Prince of St. Louis      | 1             | 9,192                  | 406.42              | 474                | 4.42                  |                   |
| 5341                   | Refuge                          | 1             | 9,179                  | 330.37              | 385                | 3.65                  |                   |
| “4569”                 | Baden Powell of Barmoorhill     | 1             | 9,173                  | 359.92              | 420                | 3.92                  |                   |
| 7280                   | Drew's Best                     | 1             | 9,167                  | 384.42              | 449                | 4.19                  |                   |
| 7376                   | Prince of Barcheskie            | 1             | 9,150                  | 332.46              | 388                | 3.68                  |                   |
| 9880                   | Cross of Knockdon               | 1             | 9,137                  | 368.49              | 430                | 4.03                  |                   |
| 8906                   | Kevelstone                      | 1             | 9,124                  | 325.90              | 380                | 3.57                  |                   |
| “6016”                 | Garcalaugh Herd Laddie          | 1             | 9,123                  | 331.14              | 386                | 3.63                  |                   |
| 7572                   | Gold Standard                   | 1             | 9,111                  | 337.58              | 394                | 3.71                  |                   |
| 5729                   | Johnny D.                       | 1             | 9,109                  | 362.14              | 422                | 3.98                  |                   |
| 5698                   | Queen's Boy                     | 1             | 9,089                  | 410.81              | 479                | 4.52                  |                   |
| 10010                  | Rob Roy                         | 1             | 9,077                  | 347.02              | 405                | 3.82                  |                   |
| 7873                   | Alwood                          | 1             | 9,057                  | 361.27              | 421                | 3.99                  |                   |
| “3837”                 | Baron's Heir of Fairfield Mains | 1             | 9,054                  | 343.76              | 401                | 3.80                  |                   |
| 8923                   | Dorman                          | 1             | 8,995                  | 361.12              | 421                | 4.02                  |                   |
| 9228                   | Full Bloom of Hindsward         | 1             | 8,964                  | 385.04              | 449                | 4.30                  |                   |



**LETA OF AVON**

Owned by Mrs. F. D. Erhardt, West Berlin, Vt.  
Four year old class. 11,062 lbs. of milk, 452.67 lbs. of fat equal to 528  
lbs. of butter with 4.09% fat.



**MCALISTER'S BETTY**

Owned by Percival Roberts, Jr., Narberth, Pa.  
Four year old class. 14,208 lbs. of milk, 581.41 lbs. of fat, equal to 678  
lbs. of butter with 4.09% fat.

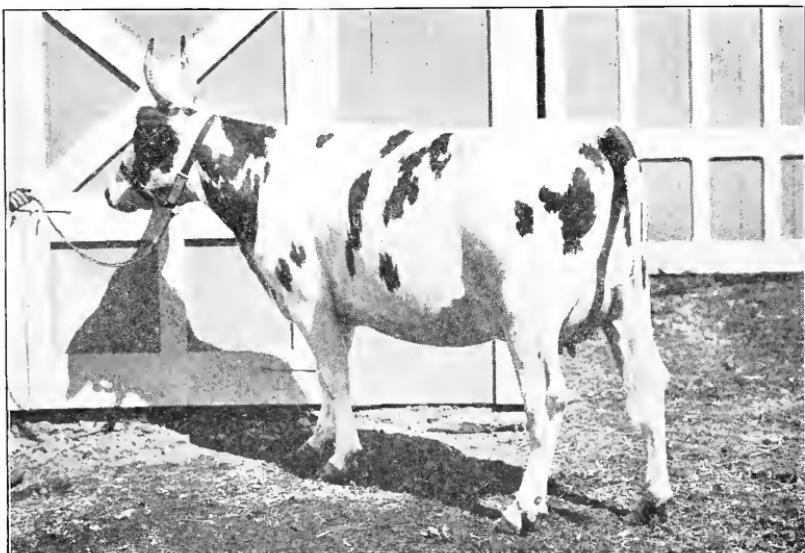
| Ayrshire<br>Record No. | Advanced<br>Registry No.        | Name of Bull. | Total Cows<br>in A. R. | Total<br>Lbs. Milk. | Total<br>Lbs. Fat. | Total<br>Lbs. Butter. | Average<br>% Fat. |
|------------------------|---------------------------------|---------------|------------------------|---------------------|--------------------|-----------------------|-------------------|
| 11300                  | John Bell .....                 | 1             | 8,828                  | 307.52              | 359                | 3.48                  |                   |
| ..7045"                | Netherhall Timekeeper .....     | 1             | 8,826                  | 361.75              | 421                | 4.10                  |                   |
| 4099                   | Buffalo Bill .....              | 1             | 8,782                  | 356.56              | 416                | 4.14                  |                   |
| 4999                   | Hiro .....                      | 1             | 8,765                  | 376.30              | 439                | 4.26                  |                   |
| 7621                   | Gerts Boy .....                 | 1             | 8,762                  | 390.50              | 456                | 4.46                  |                   |
| 8446                   | Gold Finch .....                | 1             | 8,711                  | 355.25              | 414                | 4.08                  |                   |
| 5545                   | Cad's Charley .....             | 1             | 8,702                  | 382.30              | 446                | 4.39                  |                   |
| 12057                  | Hanian of Riverside .....       | 1             | 8,633                  | 351.41              | 410                | 4.06                  |                   |
| 8773                   | Mauchlin of Storrs .....        | 1             | 8,650                  | 322.12              | 376                | 3.72                  |                   |
| 4955                   | Pelkin .....                    | 1             | 8,646                  | 322.91              | 377                | 3.74                  |                   |
| 6122                   | Hillside Boy .....              | 1             | 8,643                  | 325.86              | 382                | 3.77                  |                   |
| 4335                   | Tascoff .....                   | 1             | 8,638                  | 331.71              | 387                | 3.84                  |                   |
| ..5138"                | Wynholm Dinning .....           | 1             | 8,623                  | 332.57              | 387                | 3.86                  |                   |
| 8158                   | Tom Kilbowie .....              | 1             | 8,607                  | 324.01              | 378                | 3.76                  |                   |
| 9541                   | Lord Glencoe .....              | 1             | 8,586                  | 355.11              | 414                | 4.13                  |                   |
| 8976                   | Prize Defender .....            | 1             | 8,585                  | 328.56              | 395                | 3.94                  |                   |
| ..5841"                | Lessnessock Marshal Oyama ..... | 1             | 8,583                  | 327.38              | 382                | 3.81                  |                   |
| 11416                  | Bob of St. Louis .....          | 1             | 8,578                  | 337.82              | 394                | 3.94                  |                   |
| 6704                   | Rorality of Monkland .....      | 1             | 8,531                  | 321.88              | 376                | 3.77                  |                   |
| 1,3961                 | Lord Alta .....                 | 1             | 8,526                  | 323.57              | 378                | 3.80                  |                   |
| 8484                   | Coxie Hebron .....              | 1             | 8,516                  | 356.51              | 416                | 4.19                  |                   |
| ..3538"                | Ailsa of Kirkchrist .....       | 1             | 8,509                  | 353.05              | 412                | 4.15                  |                   |
| 8224                   | Enosburg .....                  | 1             | 8,508                  | 306.35              | 358                | 3.60                  |                   |
| 6799                   | Lord Clifden .....              | 1             | 8,507                  | 287.51              | 335                | 3.38                  |                   |
| 5156                   | Jerry Grant .....               | 1             | 8,502                  | 323.14              | 377                | 3.80                  |                   |
| 9483                   | Loyal Duke of Ridgeside .....   | 1             | 8,441                  | 321.82              | 375                | 3.81                  |                   |
| ..6329"                | Nethercraig High Tide .....     | 1             | 8,326                  | 319.13              | 372                | 3.84                  |                   |
| 10395                  | Duke of Hillcroft .....         | 1             | 8,287                  | 330.43              | 386                | 3.99                  |                   |
| ..5540"                | Benthan Gay Lad .....           | 1             | 8,191                  | 308.34              | 360                | 3.77                  |                   |
| 7446                   | Mack Wellington .....           | 1             | 8,163                  | 338.02              | 394                | 4.14                  |                   |

| Ayrshire<br>Record No. | Advanced<br>Registry No. | Name of Bull.                   | Total Cows<br>in A. R. | Total<br>Lbs. Milk. | Total<br>Lbs. Fat. | Total<br>Lbs. Butter. | Average<br>% Fat. |
|------------------------|--------------------------|---------------------------------|------------------------|---------------------|--------------------|-----------------------|-------------------|
| "6486"                 | "4873"                   | Howie's Conductor .....         | 1                      | 8,163               | 292.24             | 341                   | 3.59              |
| 7346                   | "6445"                   | Sirdar of Barleight .....       | 1                      | 8,158               | 298.98             | 349                   | 3.65              |
| 11447                  | "6312"                   | Douglas of Lyndeboro .....      | 1                      | 8,141               | 289.17             | 337                   | 3.55              |
| "5721"                 | 7784                     | Lessnessock Sir Andrew .....    | 1                      | 8,132               | 321.06             | 375                   | 3.95              |
| "5217"                 | 8000                     | Netherhall Good Time .....      | 1                      | 8,104               | 327.48             | 382                   | 4.08              |
| "7149"                 | 9438                     | Barleith General .....          | 1                      | 8,086               | 335.94             | 392                   | 4.15              |
| "5665"                 | 9833                     | Castlemains Dandy Bob .....     | 1                      | 8,083               | 317.14             | 370                   | 3.92              |
| 13966                  | "6331"                   | McIno .....                     | 1                      | 8,072               | 295.94             | 345                   | 3.67              |
| 8738                   | "6245"                   | Borrowmoss Campfollower .....   | 1                      | 8,056               | 324.09             | 378                   | 4.02              |
| 6191                   | "6225"                   | Kernit .....                    | 1                      | 8,050               | 388.11             | 453                   | 4.20              |
| 10261                  | 8226                     | Chapmanton Recorder .....       | 1                      | 8,050               | 310.70             | 362                   | 3.86              |
| 9376                   | 10000                    | Earl of Sand Hill .....         | 1                      | 8,034               | 353.69             | 413                   | 4.40              |
| 8413                   | 8738                     | Barcheskie May King .....       | 1                      | 7,981               | 347.87             | 406                   | 4.36              |
| 1191                   | 9376                     | Kleber .....                    | 1                      | 7,981               | 279.98             | 327                   | 3.51              |
| 10261                  | 10000                    | Marconi .....                   | 1                      | 7,972               | 302.23             | 353                   | 3.79              |
| 8413                   | 8738                     | Jeanfield Prince Charlie .....  | 1                      | 7,963               | 347.70             | 406                   | 4.37              |
| 1191                   | 9376                     | Auchenbrain William .....       | 1                      | 7,962               | 299.13             | 349                   | 3.76              |
| 10261                  | 8226                     | King Jerry .....                | 1                      | 7,961               | 295.65             | 345                   | 3.71              |
| 8738                   | 9376                     | Monkland Guarantee .....        | 1                      | 7,878               | 343.07             | 400                   | 4.63              |
| 6191                   | 10261                    | Castlemain's Good Enough .....  | 1                      | 7,847               | 280.12             | 327                   | 3.57              |
| 10261                  | 8226                     | Bruce of Burrside .....         | 1                      | 7,807               | 320.05             | 373                   | 4.10              |
| 8738                   | 9376                     | Stonewall Douglas .....         | 1                      | 7,807               | 312.80             | 365                   | 4.01              |
| 6191                   | 10261                    | Moonshine of Barclay .....      | 1                      | 7,763               | 350.78             | 409                   | 4.52              |
| 10261                  | 8226                     | Mitchell of Home Hill .....     | 1                      | 7,725               | 307.04             | 358                   | 4.11              |
| 8738                   | 9376                     | Fair View Chief .....           | 1                      | 7,621               | 331.40             | 387                   | 4.34              |
| 6191                   | 10261                    | Howie's Majestic .....          | 1                      | 7,588               | 283.58             | 331                   | 3.74              |
| 10261                  | 8226                     | Rethaw .....                    | 1                      | 7,583               | 288.98             | 337                   | 3.81              |
| 8738                   | 9376                     | Howie's Granden .....           | 1                      | 7,554               | 310.82             | 363                   | 4.12              |
| 6191                   | 10261                    | Pride of Ayer .....             | 1                      | 7,550               | 320.36             | 374                   | 4.24              |
| 10261                  | 8226                     | Southwick Bonnie Scotland ..... | 1                      | 7,535               | 303.79             | 354                   | 4.03              |

| Ayrshire<br>Record No. | Advanced<br>Registry No.        | Name of Bull. | Total Cows<br>in A. R. | Total<br>Lbs. Milk. | Total<br>Lbs. Fat. | Total<br>Lbs. Butter. | Average<br>% Fat. |
|------------------------|---------------------------------|---------------|------------------------|---------------------|--------------------|-----------------------|-------------------|
| 8954                   | Red Lad                         | 1             | 7,524                  | 305,21              | 356                | 4,05                  |                   |
| 7542                   | Ashmont                         | 1             | 7,497                  | 250,10              | 292                | 3.34                  |                   |
| “7838”                 | Straith Principal               | 1             | 7,454                  | 296,55              | 346                | 3.98                  |                   |
| “7895”                 | Whiteside Oyama's Pride         | 1             | 7,439                  | 315,42              | 368                | 4.24                  |                   |
| 7970                   | Monark of Verbank               | 1             | 7,439                  | 302,54              | 353                | 4.07                  |                   |
| 5652                   | Covington                       | 1             | 7,409                  | 270,67              | 316                | 3.65                  |                   |
| 7514                   | Gold Bug                        | 1             | 7,330                  | 261,02              | 304                | 3.56                  |                   |
| 6926                   | Isaleigh Osborne of Castle Hill | 1             | 7,324                  | 330,86              | 386                | 4.52                  |                   |
| “6715”                 | Bargenoch Gay Cavalier          | 1             | 7,272                  | 311,63              | 364                | 4.29                  |                   |
| 10172                  | Ben of Brookdale                | 1             | 7,218                  | 280,52              | 327                | 3.89                  |                   |
| 9393                   | Butternut Boy                   | 1             | 7,095                  | 278,35              | 325                | 3.92                  |                   |
| 7488                   | Coxie                           | 1             | 7,077                  | 236,80              | 276                | 3.35                  |                   |
| “7196”                 | Hindsward Cockayne              | 1             | 7,064                  | 256,69              | 299                | 3.66                  |                   |
| 9756                   | Robert K.                       | 1             | 6,988                  | 297,68              | 347                | 4.26                  |                   |
| 8967                   | Wedgewood Jr.                   | 1             | 6,946                  | 246,86              | 288                | 3.55                  |                   |
| 9857                   | Patrick Bell of Sunnyside       | 1             | 6,759                  | 277,28              | 323                | 4.10                  |                   |
| 9768                   | Woodroffe Pure Gold             | 1             | 6,751                  | 231,91              | 271                | 3.43                  |                   |
| 5825                   | Rudolph                         | 1             | 6,707                  | 262,93              | 307                | 3.92                  |                   |
| “6661”                 | Lane Fail Me Never              | 1             | 6,625                  | 288,51              | 337                | 4.36                  |                   |
| 11176                  | Kleschna of Beech Hill          | 1             | 6,494                  | 248,21              | 290                | 3.82                  |                   |
| 7240                   | Benedict Arnold                 | 1             | 6,485                  | 256,16              | 299                | 3.95                  |                   |
| 6447                   | Barclay's Majestic              | 1             | 6,447                  | 245,77              | 287                | 3.81                  |                   |
| 6013                   | Leroy Jo. Jo.                   | 1             | 6,321                  | 251,75              | 294                | 3.98                  |                   |
| 8306                   | A 1 of Deltoria                 | 1             | 6,259                  | 266,16              | 310                | 4.25                  |                   |
| 10729                  | Lindale                         | 1             | 6,222                  | 236,                | 275                | 3.80                  |                   |
| 9221                   | Frisky                          | 1             | 6,114                  | 258,86              | 302                | 4.24                  |                   |
| 8357                   | Lord Elmhurst                   | 1             | 6,034                  | 251,69              | 294                | 4.17                  |                   |
| 7045                   | Warfield                        | 1             | 5,504                  | 214,60              | 250                | 3.90                  |                   |



WILLOMOOR ROBIN HOOD  
Owned by J. W. Clise, Redmond, Wash.



SHIEL RUNAWAY 2ND  
Owned by Arthur H. Sagendorph, Spencer, Mass.

The following is a complete list of the official Advanced Registry cows that have qualified for registry in two or more full year tests. Many of these cows are entitled to cumulative record for consecutive freshenings with not more than an average of fifteen months between calvings.

FIVE YEARS' RECORD.

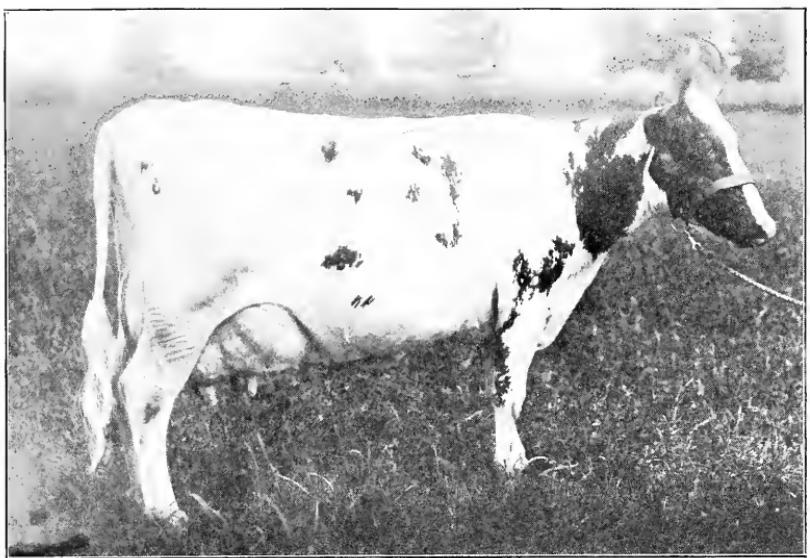
| Name.            | Owner.         | Lbs.<br>Milk. | Lbs.<br>Fat. | Lbs.<br>Butter. | Average<br>Pct. Fat. |
|------------------|----------------|---------------|--------------|-----------------|----------------------|
| Crimson Rambler, | Geo. F. Stone, | *48,147       | 1,730.24     | 2,019           | 3.62                 |

FOUR YEARS' RECORD.

| Name.                         | Owner.                                | Lbs.<br>Milk.     | Lbs.<br>Fat.         | Lbs.<br>Butter. | Average<br>Pct. Fat. |
|-------------------------------|---------------------------------------|-------------------|----------------------|-----------------|----------------------|
| Acelista,<br>Lady Wonder 4th, | C. M. Winslow,<br>Francis L. Stetson, | *42,685<br>41,597 | 1,501.82<br>1,579.55 | 1,751<br>1,843  | 3.55<br>3.76         |

THREE YEARS' RECORD.

| Name.  | Owner.   | Lbs.<br>Milk.  | Lbs.<br>Fat.   | Lbs.<br>Butter.   | Average<br>Pct. Fat.   |
|--|--|--|--|---|--|
| Midget of Sand Hill,<br>Bessie of Rosemont,<br>Primrose,<br>Eugenie Douglas,<br>Queen of Barclay,<br>Esthon Douglas,<br>Friskey of Bonshaw,<br>Mabelle of Highland,<br>Baby Douglas,<br>Crimson Maid,<br>Crimson Avis, | S. S. Karr & Son,<br>Geo. H. McFadden,<br>Percival Roberts, Jr.,<br>John R. Valentine,<br>Geo. H. McFadden,<br>Chas. J. Bell,<br>Geo. H. McFadden,<br>John R. Valentine,<br>Hill Top Farm,<br>Geo. F. Stone,<br>Geo. F. Stone, | *35,548<br>34,721<br>*34,247<br>33,409<br>32,987<br>*31,745<br>*30,857<br>*28,692<br>28,431<br>27,588<br>*27,306 | 1,304.77<br>1,435.11<br>1,322.95<br>1,277.04<br>1,265.61<br>1,117.63<br>1,355.36<br>1,074.56<br>1,123.76<br>1,089.40<br>946.66 | 1,523<br>1,672<br>1,543<br>1,490<br>1,477<br>1,367<br>1,581<br>1,254<br>1,311<br>1,271<br>1,092 | 3.68<br>4.15<br>3.86<br>3.83<br>3.84<br>3.72<br>4.36<br>3.74<br>3.96<br>3.98<br>3.44 |



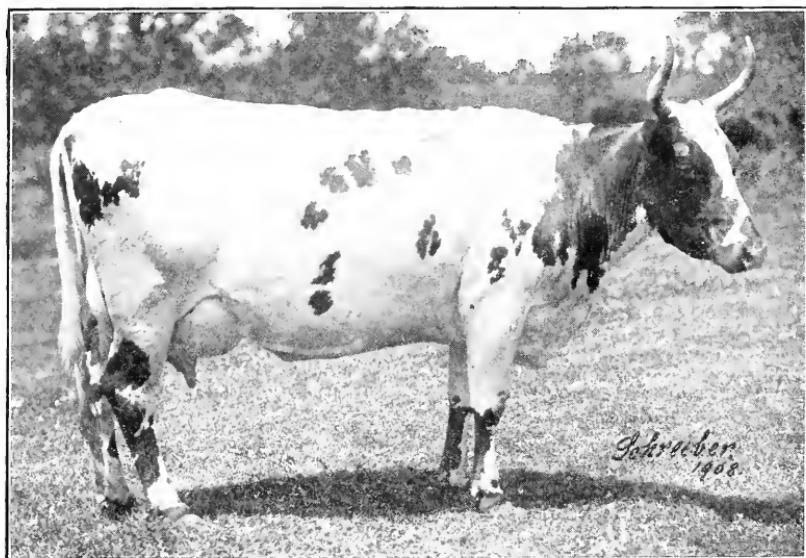
CASTLEMAINS VIOLET  
Owned by Arthur H. Sagendorph, Spencer, Mass.



LESSNESSOCK MACDONALD  
Owned by Arthur H. Sagendorph, Spencer, Mass.

## TWO YEARS' RECORD.

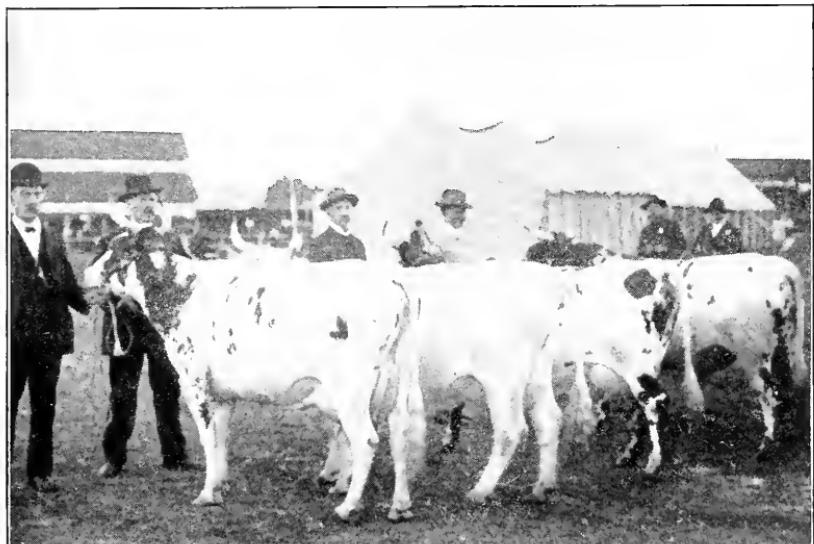
| Name.   | Owner.  | Lbs.<br>Milk.  | Lbs.<br>Fat.  | Lbs.<br>Butter.   | Average<br>Pet. Fat.   |
|---|---|--|---|---|--|
| Netherhall Brownie 13th,<br>Rena Ross,<br>Auchenbrain White Beauty 2d,<br>Queen Ester,<br>Ithan 5th,<br>Fern Ayer,<br>Keepsake,<br>McAlister's Betty,<br>Jennie of Sand Hill,<br>Madonna Lass 3d,<br>Matie of Sand Hill,<br>Enid S.,<br>Lily of Willowmoor,<br>Madonna Lass 2d,<br>May Hebron,<br>Lillian Drummond 4th,<br>Kaziah of Highland,<br>Drummmond's Gem,<br>Gardrum Brandy,<br>Vera,<br>Skaith Lady Beauty,<br>May Mitchel,<br>Castleman's Nancy 2d,<br>Babe's Duchess,<br>Lady Belle of Spring Hill,<br>Brown Eyes of Knockdon,<br>Douglas Cordelia, | J. W. Ogden,<br>John R. Valentine,<br>Percival Roberts, Jr.,<br>H. C. Groome,<br>John R. Valentine,<br>John R. Valentine,<br>John R. Valentine,<br>Percival Roberts, Jr.,<br>S. S. Karr & Son,<br>Hill Top Farm,<br>S. S. Karr & Son,<br>Friends' Asylum,<br>J. W. Clise,<br>Hill Top Farm,<br>M. J. Karr & Son,<br>F. W. Spalding,<br>John R. Valentine,<br>Hill Top Farm,<br>J. W. Clise,<br>Geo. F. Stone,<br>J. W. Clise,<br>Percival Roberts, Jr.,<br>Percival Roberts, Jr.,<br>Hill Top Farm,<br>S. S. Karr & Son,<br>Geo. H. McFadden,<br>Hill Top Farm, | 26,248<br>25,137<br>24,283<br>23,679<br>23,578<br>23,448<br>23,233<br>22,700<br>22,637<br>22,564<br>*22,109<br>*22,035<br>21,941<br>21,915<br>*21,853<br>21,671<br>21,594<br>21,587<br>*21,586<br>21,541<br>*21,178<br>*21,127<br>*20,887<br>20,182<br>20,175<br>*20,172<br>20,097 | 993.67<br>1,081.32<br>1,002.61<br>778.69<br>995.02<br>895.89<br>911.36<br>937.70<br>971.61<br>920.52<br>942.72<br>860.44<br>828.58<br>800.45<br>876.31<br>815.15<br>794.59<br>747.98<br>812.04<br>780.08<br>774.44<br>815.23<br>768.80<br>808.93<br>772.80<br>902<br>924<br>828 | 1,159<br>1,262<br>1,169<br>909<br>1,161<br>1,045<br>1,064<br>1,094<br>1,134<br>1,073<br>1,100<br>1,003<br>968<br>934<br>1,023<br>951<br>928<br>872<br>948<br>910<br>904<br>951<br>897<br>944<br>902<br>924<br>828 | 3.77<br>4.3<br>4.13<br>3.29<br>4.22<br>3.82<br>3.92<br>4.15<br>4.33<br>4.08<br>4.28<br>3.9<br>3.78<br>3.66<br>4.02<br>3.79<br>3.73<br>3.46<br>3.77<br>3.62<br>3.66<br>3.84<br>3.84<br>4.01<br>3.83<br>3.94<br>3.52 |



DEWDROP OF SPRING HILL, 20950

Owned by Penshurst Farm, Narbert, Pa.

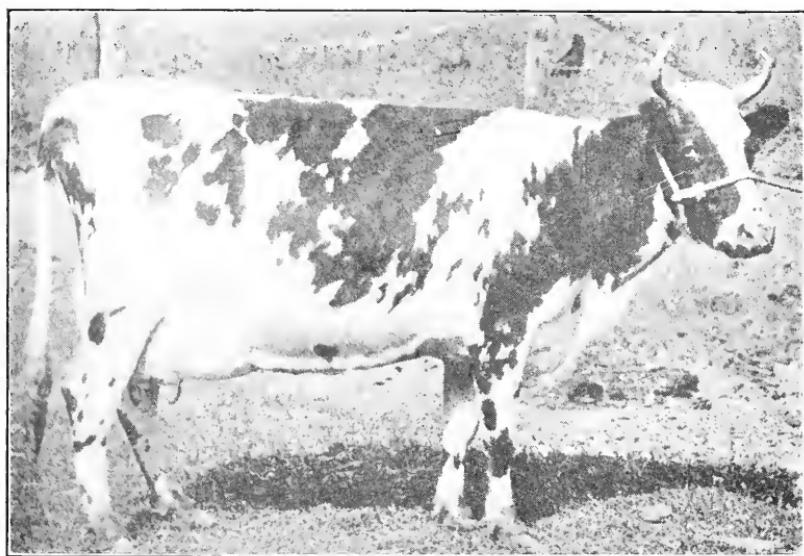
Record: 10,554 lbs. milk, 396.09 lbs. fat, 462 lbs. butter, 3.75% fat



WILLOMOOR HERD OF AYRSHIRES

Owned by J. W. Clise, Redmond, Wash.

| Name.   | Owner.  | Lbs.<br>Milk.                         | Lbs.<br>Fat.                         | Lbs.<br>Butter.          | Average<br>Pct. Fat.         |
|---|---|---------------------------------------|--------------------------------------|--------------------------|------------------------------|
| Douglas Empress,<br>Mable of Sand Hill,       | Hill Top Farm,<br>S. S. Karr & Son,<br>Geo. F. Stone,       | *20,033<br>19,622<br>19,618<br>19,474 | 846.64<br>775.72<br>697.80<br>716.67 | 987<br>905<br>814<br>836 | 4.22<br>3.98<br>3.57<br>3.68 |
| Gertrude Keivyn,<br>Gazelle Melrose,          | W. V. Probasco,<br>John R. Valentine,<br>John R. Valentine, | *19,438<br>19,045<br>*18,921          | 726.77<br>802.62<br>742.57           | 848<br>936<br>866        | 3.73<br>4.25<br>3.93         |
| Megsy Tipperlin 3d,<br>Bell Ayer,             | J. W. Clise,<br>Geo. H. Yeaton,                             | 18,894<br>*18,806                     | 665.51<br>895.02                     | 777<br>1,044             | 3.53<br>4.77                 |
| Carston Evelina,<br>Xoa,                      | M. J. Karr & Son,<br>Chas. J. Bell,<br>Geo. H. McPadden,    | 18,788<br>18,749<br>*18,728           | 654.46<br>735.01<br>719.47           | 764<br>857<br>840        | 3.49<br>3.92<br>3.84         |
| Sarah Hebron,<br>Yucca Douglas,               | S. S. Karr & Son,<br>John R. Valentine,                     | 18,714<br>*18,702                     | 858.25<br>748.55                     | 1,002<br>873             | 4.55<br>4.01                 |
| Daisy of Rosemont,<br>Finlayson's Fern,       | Connell University,<br>S. S. Karr & Son,<br>Chas. J. Bell,  | *18,677<br>18,666<br>*18,666          | 805.64<br>649.26<br>649.26           | 940<br>757<br>832        | 4.31<br>3.48<br>3.86         |
| Bessie of Sand Hill,<br>Blanche of Sand Hill, | Hart Wallace,<br>John R. Valentine,                         | 18,467<br>18,407                      | 712.97<br>741.23                     | 865<br>865               | 4.03<br>4.03                 |
| Nancy Almond,<br>Lady Burton,                 | J. W. Clise,<br>John R. Valentine,                          | 18,366<br>18,339<br>18,328            | 751.74<br>680.31<br>729.40           | 878<br>794<br>852        | 4.09<br>3.7<br>4.03          |
| Margaret of Rathalla,<br>Ithan 3d,            | C. M. Winslow,<br>J. F. Butterfield,                        | *18,081<br>*18,024                    | 673.18<br>688.64                     | 785<br>803               | 3.73<br>3.82                 |
| Soney of Barclay,<br>White Lola,              | J. W. Ogden,<br>John R. Valentine,                          | *18,004<br>17,984<br>*17,913          | 613.65<br>786.22<br>639.68           | 716<br>917<br>745        | 3.41<br>4.37<br>3.78         |
| Oshawa Lady 2d,<br>Iola Lorne,                | Agnese Sebastian,<br>Norwood Model,                         |                                       |                                      |                          |                              |
| Addington Queen 2d,<br>Letta Lind of Radnor,  | Lady Bell 4th,  | *17,856                               | 740.79                               | 864                      | 4.14                         |



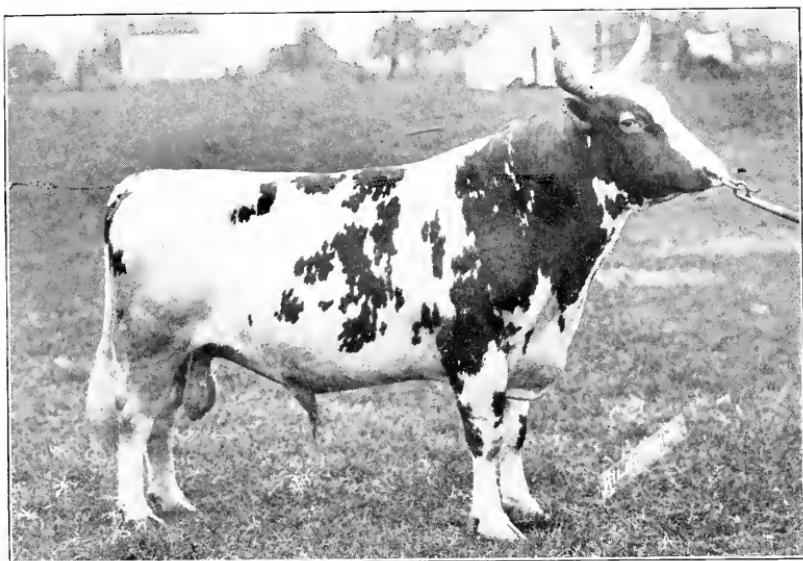
MIDLAND GREENFIELD  
Owned in Scotland



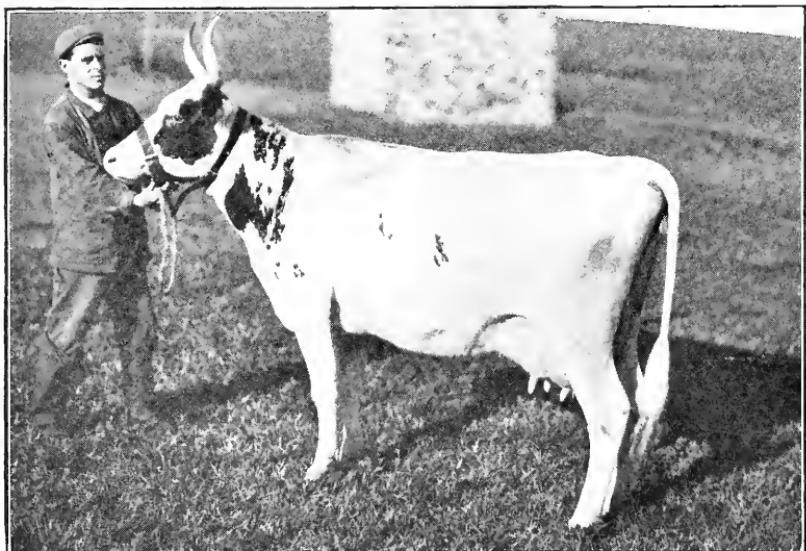
TENA OF KELSO, 28395  
Owned by Arthur H. Sagendorph, Spencer, Mass.

| Name.  | Owner.   | Lbs.<br>Milk.  | Lbs.<br>Fat.   | Lbs.<br>Butter.  | Average<br>Pct. Fat.   |
|--|--|--|--|--|--|
| Lizzie of Barclay,<br>Megsy Tipperlin,<br>Bell Ayer 2d,<br>Irene Douglas,<br>Rose Clockston,<br>Linda S.,<br>Willowmoor Marjorie Douglas,<br>Maud Douglas,<br>Lady Quality,<br>Crimson Lady,<br>Rena Ayer,<br>Bonnie 2d of Radnor,<br>Lady Star,<br>Rose Aileen,<br>Speckled Beauty,<br>Colonel's Daughter,<br>Cora T. 3rd,<br>Starlass,<br>May Hebron 2d,<br>Ithan 4th,<br>Eliza. T.,<br>Dew Blossom,<br>Willowmoor White Beauty,<br>Hazel of Stanley,<br>Phoebe of Hillview,<br>Lulu Avondale,<br>Lady's Princess, | Geo. H. McFadden,<br>John R. Valentine,<br>John R. Valentine,<br>Hill Top Farm,<br>Francis L. Stetson,<br>W. V. Probasco,<br>J. W. Clise,<br>Hill Top Farm,<br>Percival Roberts, Jr.,<br>Geo. F. Stone,<br>John R. Valentine,<br>J. W. Clise,<br>W. V. Probasco,<br>Francis L. Stetson,<br>Percival Roberts, Jr.,<br>John R. Valentine,<br>S. S. Karr & Son,<br>John R. Valentine,<br>M. J. Karr & Son,<br>John R. Valentine,<br>S. S. Karr & Son,<br>M. J. Karr & Son,<br>J. W. Clise,<br>C. A. Griscom,<br>Hart Wallace,<br>C. M. Winslow,<br>Percival Roberts, Jr., | 17.825<br>17,818<br>*17,811<br>*17,760<br>17,747<br>*17,731<br>*17,678<br>*17,629<br>*17,608<br>17,408<br>17,353<br>17,348<br>*17,331<br>17,228<br>17,050<br>16,987<br>16,800<br>16,752<br>*16,361<br>*16,011<br>15,994<br>15,429<br>*15,156<br>14,819<br>586,65<br>14,778<br>612,61<br>14,448<br>593,35<br>13,858 | 805,61<br>671,85<br>812,99<br>734,40<br>591,49<br>689,74<br>605,89<br>634,11<br>723,37<br>714,17<br>746,93<br>682,13<br>631,31<br>569,93<br>671,78<br>650,38<br>692,17<br>646,49<br>617,13<br>625,26<br>673,16<br>679,09<br>563,24<br>14,819<br>586,65<br>14,778<br>612,61<br>14,448<br>593,35<br>13,858 | 940<br>784<br>949<br>.857<br>684<br>805<br>707<br>740<br>844<br>833<br>871<br>796<br>737<br>665<br>784<br>759<br>807<br>755<br>720<br>730<br>785<br>781<br>657<br>385<br>715<br>692<br>702 | 4.52<br>3.83<br>4.57<br>4.13<br>3.37<br>3.89<br>3.43<br>3.58<br>4.11<br>4.11<br>4.23<br>3.95<br>3.64<br>3.34<br>3.95<br>3.85<br>4.11<br>3.85<br>3.77<br>3.9<br>4.23<br>4.34<br>3.75<br>3.96<br>4.15<br>4.12<br>4.3 |

\*Cumulative record from consecutive annual tests with an average of not over fifteen months between freshening.



BEUCHAN PETER PAN  
Champion Aged Bull at National Dairy Show, 1911  
Owned by J. W. Clise, Redmond, Wash.



SPRINGHILL QUEEN BEE  
Owned by Arthur H. Sagendorph, Spencer, Mass.



**ADVERTISEMENTS OF  
AYRSHIRE CATTLE  
FOR SALE**



# WESTOVER HERD AYRSHIRES

Howie's Blue Blood 12936 imp. at service. Sire, Howie's Record Time "7765," Dam Howie's Davina "25993." His dam, both gr. dams and three gr. gr. dams have official records higher than required to qualify for the Advanced Registry. His sire, gr. sire and gr. gr. sire have daughters which have made official records higher than required to qualify for the Advanced Registry.

1 Premier Championship, 3 Grand Championships, 3 Reserve Grand Championships, 6 Championships, 13 First, 9 Second, and a number of lesser prizes won in 1911.

Eighty (80) head sold in 1911.

Farm reached by trolley or twenty minutes motor drive from Hartford.

**WM. T. WELLS**

**NEWINGTON**

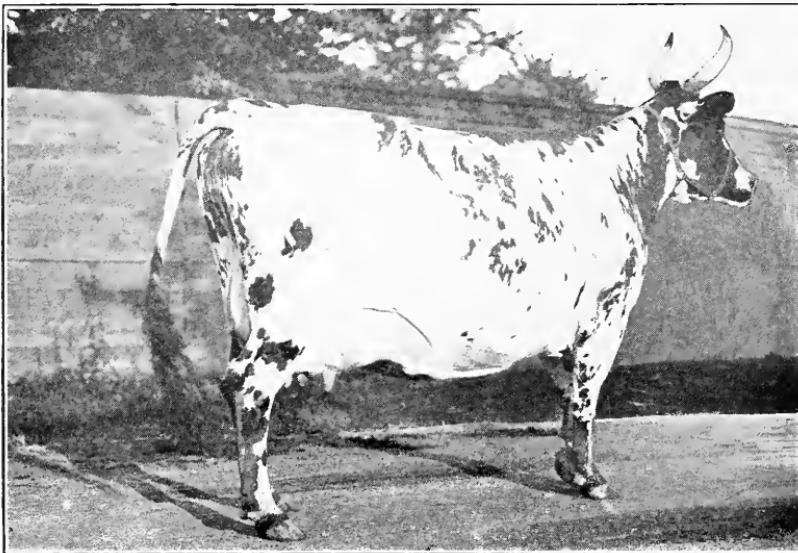
— : —

**CONN.**

# LOANTAKA FARMS

MORRISTOWN :: NEW JERSEY

On D. L. & W. R. R., 30 miles from New York City.



## NETHERHALL BROWNIE 13th

Owned by J. W. Ogden, Morristown, N. J.  
 Mature Record: 31,217 lbs. of milk, 503.45 lbs. of fat equal to 587 lbs. of butter with 3.81% fat.

Our herd consists of 40 head of cows and heifers, nearly all of which are imported. Every animal in the herd was entered in the Advanced Registry test last year, and every one qualified, with a large margin to spare.

### WE AIM TO PRODUCE CATTLE OF THE HIGHEST GRADE ONLY

We have five members of the great Netherhall Brownie family, beside our bull. We own the cow **Netherhall Brownie 13th**, which has been referred to as "The handsomest cow living," and made a record of 13,031 lbs. in the first year of her importation, and is making a still larger one this year.

It is our intention to establish a herd, entirely of our own breeding, and we shall offer for sale one-half of the imported cows this year.

Address all correspondence to

**LOANTAKA FARMS,**

**J. W. OGDEN, Prop., Morristown, N. J., or 100 Broadway, New York City.**

# LOANTAKA FARMS

MORRISTOWN

NEW JERSEY

On D. L. & W. R. R., 30 miles from New York City.



## NETHERHALL MASTER (3 yrs.)

1st Dam—Netherhall Brownie 15th.

2nd Dam—Netherhall Brownie 5th.

Dam of the World's Champion Ayrshire Cow.  
Record—18,110 Pounds Milk, 911 Pounds Butter.

No Ayrshire bull in the world has a greater milk inheritance than **Netherhall Master**, and he is transmitting his beautiful form and style to all his calves, in a most remarkable manner.

His get are eagerly sought after by those who aim to breed the best. We believe that bull calves, sired by **Netherhall Master**, out of imported Advanced Registry cows, will prove a sound investment to all breeders.

# Pleasant View Ayrshires

C. B. STEVENS

ST. JOHNSBURY

— : —

VERMONT



NETHERHALL ROBIN HOOD 11476 IMP.

Unbeaten in the Show Ring, in Scotland, Canada and the United States. Sire of Lessnessock Good Gift, said to be the greatest bull in Scotland, Netherhall Master, Howie's Creampot, champion heifer in Scotland in 1910, Netherhall Kate 20th, with a two-year-old official record of 7854 lbs. 4.4% milk in 40 weeks.

**STOCK OF ALL AGES FOR SALE**

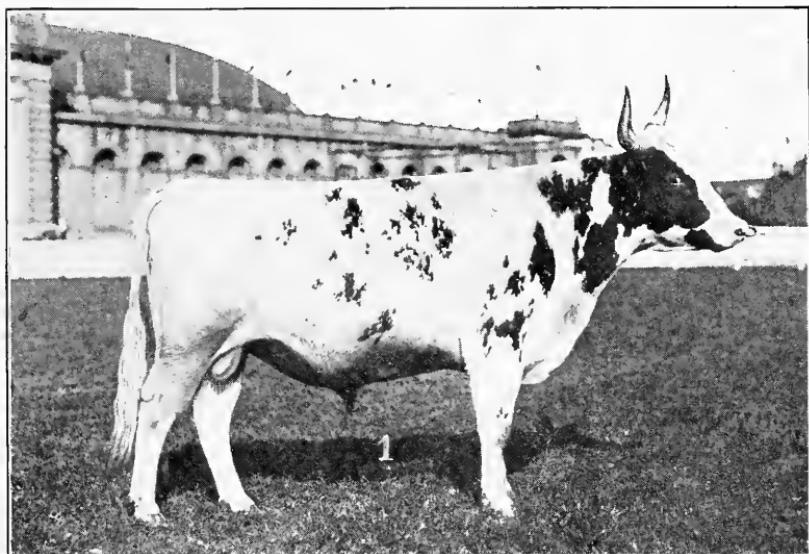
# Riverside Stock Farm

JOSEPH SALADINO, Proprietor

Importer and Breeder of

## REGISTERED AYRSHIRE CATTLE

ORFORD, NEW HAMPSHIRE



HOME OF

### Imp. Hillhouse Bonnie Scotland "7730" 13194

Dam has a record of 10,000 lbs. of milk in Scotland. This type young bull gives promise of combining the perfect Ayrshire with great Dairy prepotency.

Won 1st as a two-year-old at Ottawa and also 1st at the Vermont State Fair, 1911.

Show Cows, heavy milkers and young stock always on hand and for sale. Advance Registry Stock.

Imp. Townhead Swell 28765, gave 160 $\frac{1}{2}$  lbs. of milk in three days, also won 1st at Ottawa in 1910.

# WILLOWMOOR FARMS AYRSHIRES

You should have a Willowmoor bred bull in service in your herd. The President and Secretary of the American Association each have one.

WILLOWMOOR AYRSHIRES are the highest type of Ayrshire.

They have upheld in the show ring and at the pail the reputation of the Ayrshire as the greatest combination of form and function to be found among the pure bred dairy breeds.

WILLOWMOOR AYRSHIRES hold the World's Record for production; Official Advanced Register.

WILLOWMOOR AYRSHIRES were awarded the Championship of America; National Dairy Show, "The court of last appeal."

WILLOWMOOR AYRSHIRES are the Champions in the show ring and the Champions at the pail.

WILLOWMOOR AYRSHIRES are continually developing and making new records. We have two cows now on test that give every indication of making World Records.

WILLOWMOOR AYRSHIRES were awarded the Association cups for 1910-1911, for the highest year's production in the age cow, and four-year old classes, and had a three-year old away up.

WILLOWMOOR AYRSHIRES will increase in value on your hands through their own individual development and the increase in the records of their dams. Buy a bull and have him double, treble and as has been the case in several instances increase ten fold in value.

WILLOWMOOR AYRSHIRE bull calves are backed by the Champion blood of Scotland or the Champion blood of America.

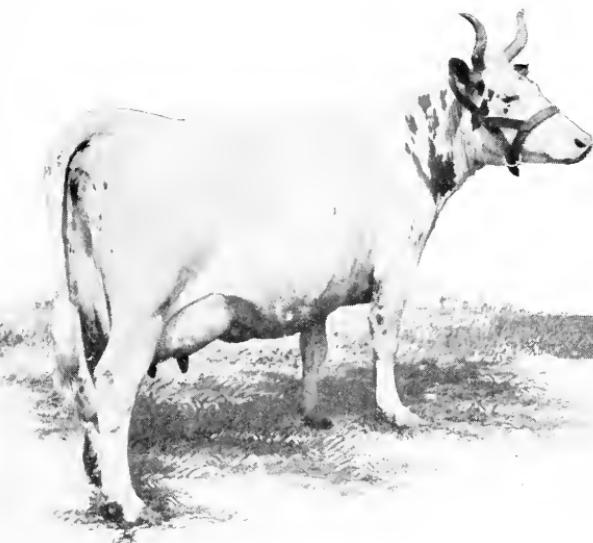
WILLOWMOOR AYRSHIRE bull calves are about half of them backed by the blood of the Champion producing and breeding cow through her only son whose get were winners at the Chicago show, a showing rarely equalled.

WILLOWMOOR AYRSHIRES will get results for you as they have gotten results for Willowmoor.

**WILLOWMOOR FARMS,**  
REDMOND, WASHINGTON.

J. W. CLISE, Owner.

A. STONE, Manager.



## ALTA CREST AYRSHIRES

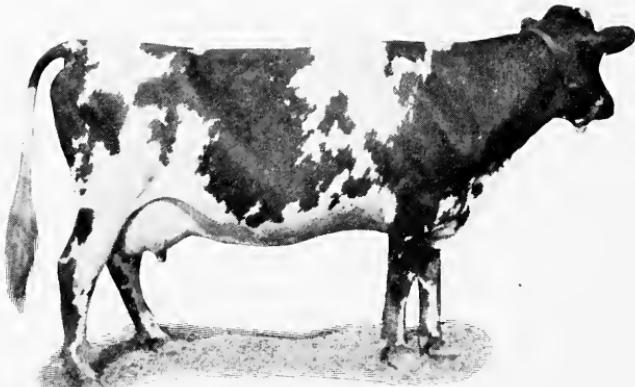
Herd consists of one hundred head, nearly all of which are either Imported or Canadian bred, of the fashionable color and type, bred for constitution, beautiful udders, long teats, and deep milking qualities.

### FOUR SERVICE BULLS

This variety of males allows the practice of rigid selection and close adherence to type, conformation and quality in mating.

Stock of all ages for sale.

ARTHUR H. SAGENDORPH, SPENCER, MASS.



Oslo of Fayre, No 25349, dropped April 1, 1906. Record for 5 mos. (Feb. 7 to July 7, 1912) 6045 lbs. milk, and 254.4 lbs. butter-fat or 300 lbs. butter.

## **DUNSMORE FARM AYRSHIRES**

ST. ALEANS, VT.

This is a young herd, Oslo of Fayre being the oldest cow in it, but the choicest strains of Scotch and Canadian breeding are well represented. Cows are good size, with large capacity, with good teats and udders well shaped; are not only persistent milkers, but give a large amount of milk that tests high in butter-fat.

Advanced Registry tests of this herd were begun in February, 1912, and all cows and heifers which have freshened since then are now under test; the others will be tested as soon as they freshen.

Guarantee of the Lotus Fields is now at the head of the herd, and he is not only a fine individual, but is a product of the most skillful Scotch breeding, being a grandson of two of Scotland's most famous bulls, Howie's Erin Go Bragh, and Lessnessock Marshall Oyama.

We are offering for sale a few bull calves of the fashionable type and color, and whose dams are now making good in the A. R. test.

Visitors always welcome. P. O. Address.

**GEO. H. DUNSMORE,**

R. D. 1.

SWANTON, VERMONT.

# Branford Farms

## Ayrshires

STOCK OF BOTH SEXES AND ALL AGES FOR SALE.

### HERD SIRES.

#### **NETHERCRAIG SPICY SAM, Imp. "5927."**

As a two-year-old, 1st at Kilmarnock, Ayr, Glasgow, Galston, and the Highland Show at Peebles, Scotland. As a three-year-old, 1st at Kilmarnock, Ayr, Glasgow, East Kilbride, Highland Show and Royal Show; also winner of the Cup at Ayr, and the Prince of Wales Gold Medal for the best Ayrshire at Edinburgh. As a five-year-old, 1st at the Royal Show at Gloucester. He was for four years Champion of Great Britain.

**Netherhall Good Time, Imp. 11447**, whose get were first at Brockton, and the National Dairy Show in 1911, and whose great grand-dam was dam of Netherhall Brownie 9th, the record cow of the breed. His first daughter to qualify for A. R. made 8,104 pounds milk, 327.48 pounds fat as a two-year-old. Several others under test are making records.

**Auchenbrain His Eminence, Imp. 14408**, winning two-year-old at the National Dairy Show, Chicago, 1911. The dam of this bull is one of the best cows in Scotland.

**White Beauty's Monarch, 13089**, a son of Auchenbrain's White Beauty 2nd, who has a year milk record of 13,789 pounds and a two year record of 24,283 pounds.

**Willowmoor Robin Hood, 13485**, grandson of Netherhall Brownie 9th, the record cow of the breed, 18,110 pounds of milk, 958 pounds butter, average test 4.69.

Our females consist of the best Imported strains of Auchenbrain, Lessnessock, Nethercraig, and others of equally good breeding.

We have also Canadian and American bred animals for sale at reasonable prices.

One hundred and fifty head to select from.

For full information, address:

HENRY FIELDEN, Manager.

**BRANFORD FARMS**

# HIGHLAND FARM AYRSHIRES

IMPORTERS AND BREEDERS OF THE BEST



## IMPORTED FINLAYSTON, 8882

—HAS—

Three (3) three-year-old daughters with records as follows:

Ithan 5th—26582 . . . 13,180 lbs. of milk; 656 lbs. of butter

Keepsake 2d—26013—12,235 lbs. of milk; 623 lbs. of butter

Rena Ross 2d—25295.12,043 lbs. of milk; 546 lbs. of butter

An average of 12,486 lbs. of milk; 608 lbs. of butter

—AND—

Seven two-year-olds with records averaging

10,245 lbs. of milk, and 503 lbs. of butter,

—AND—

Ithan 5th, as a 2-year-old, 10,397 lbs. of milk; 504 lbs. of butter

Ithan 5th, as a 3-year-old, 13,180 lbs. of milk; 656 lbs. of butter

Total for the two years, 23,577 lbs. of milk; 1160 lbs. of butter

All of those Records are unequalled by the daughters of any other bull of the breed.

SPECIAL ATTENTION is called to the fact that the sire of Finlayston and Netherhall Brownie 9th (champion producing cow of the world) have the same Dam—Brownie 5th. of Netherhall.

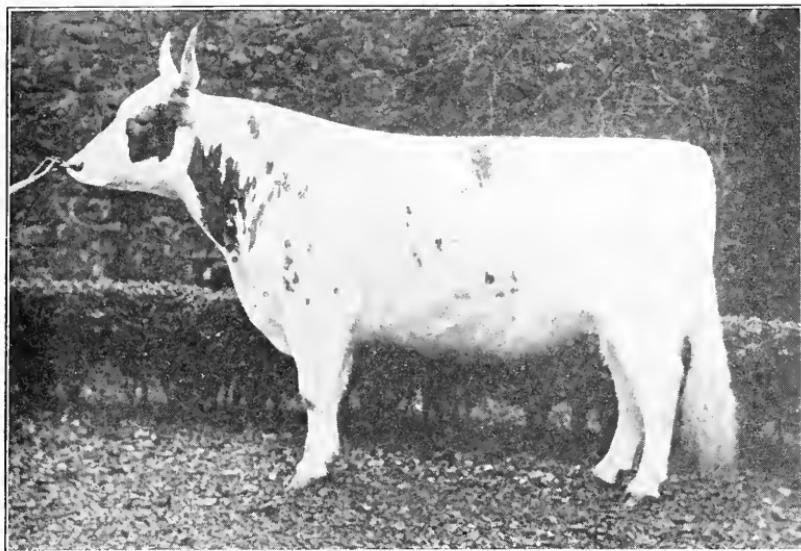
The Herd consists of 205 head. The largest herd of Ayrshires in the East.

Write for particulars, or come and visit us.

JOHN R. VALENTINE, Proprietor. PHILIP C. PALMER, Manager.  
Bryn Mawr, Pa.

## HIGHLAND FARM AYRSHIRES

Importers and Breeders of the Best



### IMPORTED BARON'S BEST OF BARGENOCK, 12858

was personally selected by Mr. Valentine to breed to Imported Finlayston's Daughters. He combines to an unusual degree, style, finish and constitution, and is backed by the greatest producing ancestors of any bull ever imported.

His Dam, Snowdrop, 3rd, has three records of over 10,000 lbs. of milk, all made within thirty-nine weeks. Both of his grand-dams have records of over 8,000 lbs. in forty weeks. They all test high.

The daughters of Baron's Best out of Finlayston Dams are, in addition to having style, beauty and great constitution, the largest and best teated Heifers ever born on the Farm.

Our Bull Calves by Baron's Best, out of Dams by Imp. Finlayston, carry the greatest line of producing ancestors in the Ayrshire World.

Through Baron's Best they have the noted Durwood Lely; Through Finlayston—Finlayston Maggie, 3rd, and The Champion Cow, Netherhall Brownie, 9th—Record, 18,110 lbs. of milk and 958 lbs. of butter. And as foundation stock back of those, such cows as Rena Ross—The Living Champion—Record, 15,072 lbs. of milk, and 751 lbs. of butter.

### HIGHLAND FARM has the Largest Number of A. R. Cows in the World

|                                 | MILK        | BUTTER     |
|---------------------------------|-------------|------------|
| 23 two-year-olds averaged....   | 8,534 lbs.  | 412 lbs.   |
| 18 three-year-olds averaged.... | 9,215 lbs.  | 450 lbs.   |
| 7 four-year-olds averaged....   | 10,445 lbs. | 484 lbs.   |
| 20 aged cows averaged.....      | 10,848 lbs. | 501 lbs.   |
| 68 head averaged.....           | 9,760 lbs.  | 461.3 lbs. |

Farm located 9 miles from Philadelphia, Pa.  
Stock at reasonable prices.

### SOME YOUNG BULLS AT FARMERS' PRICES.

HIGHLAND FARM, Bryn Mawr, Pa. PHILIP C. PALMER, Manager.

# CLOVER HOME FARM

## GOUVERNEUR, NEW YORK

### REGISTERED AYRSHIRES

The home of seventy head of Ayrshires, selected, bred and fed for profitable dairy results.

Size, dairy quality, rudimentary perfection, beauty and utility are all to be found here.

The bulls heading the herd for 1912 are:—

HOWIE'S RINGLEADER Imp. No. 12582, "8099," bred by Andrew M. Baird, Garclaugh, Scotland. Dam—GARCLAUGH MANSFIELD 4th—72 lbs. daily. 9,670 lbs. 4.2% milk in 34 weeks. Sire's dam—CASTLEMAIN'S SWEET MARIE—gave 9,970 lbs. milk in 32 weeks at 16 years of age.

TORR'S ADVOCATE Imp. No. 13865, "8336," bred by William Lindsay, Torr's, Scotland. Sire:—TORR'S MUCKLE FORTUNE. Dam:—TORR'S CONY 2nd. The grand-sire of this bull was the sire of NETHERHALL BROWNIE 9th, Champion Ayrshire cow of the world. 18,810 lbs. milk—958 lbs. butter.

GREAT COMBINATION No. 13583, probably the best American bred bull on this continent. Sire:—RENA'S CHAMPION for which Mr. Reymann paid \$500.00 at birth. Grandsire:—The famous imported FINLAYSTON, and Grand-dam, the invincible RENA ROSS, ex-champion Ayrshire cow of the world, and the greatest Ayrshire cow now living.

Record: 15,072 lbs. milk—751 lbs. butter. Average annual production for a long term of years, over 12,000 lbs. milk.

Dam:—DAISY VERBANK 2nd, 26993, with an official record of nearly 10,000 lbs. milk—400 lbs. butter, as a two year old heifer, and a daughter of the great Imported HOWIE'S DAIRY KING, for which Mrs. Erhardt paid \$2,000.00 years ago.

GREAT COMBINATION combines the best blood of the great AYER family—the imported FINLAYSTON—RENA ROSS, and the imported HOWIE'S DAIRY KING. He will be bred to daughters of the above imported bulls, and out of cows closely related to GLENCAIRN 3rd, DUKE OF BARCHESKIE, DENTY 9th, of AUCHENBRAIN, and other famous ancestors.

We offer for sale cows and heifers in milk, and a few extra good bull calves—no heifer calves offered.

Farm two miles from station—Bell telephone connections.

**HERD TUBERCULIN TESTED**

**GEORGE E. PIKE**

**GOUVERNEUR**

..

**NEW YORK**

# THE PILOT AYRSHIRE CLUB

## OF GOUVERNEUR, NEW YORK

A community of breeders whose aim is to encourage and promote the breeding of the dairy farmer's best profit maker—The AYRSHIRE cow.

Its members are members of the Ayrshire Breeders Association, who own farms and herds of registered Ayrshires in the town of GOUVERNEUR, New York, and who have united their efforts to raise the standard of excellence and to produce a more uniform type of dairy cow such as shall make GOUVERNEUR a recognized center for imported and domestic Ayrshires of great utility.

Ayrshires have been bred here for more than fifty years, and there are at least a dozen herds within an hour's drive of our R. R. station, that contain many grand individuals.

Standing at the head of these herds are five choice bulls, imported from Scotland—LESSNESSOCK ARTHUR, Imp. No. 13864—HOWIE'S RINGLEADER, Imp. No. 12582—LESSNESSOCK LIEUTENANT, Imp. No. 12442—TORR'S ADVOCATE, Imp. No. 13865—LESSNESSOCK CASHIER, Imp. No. 14305—together with a half dozen or more of the very best American bred bulls.

For many years we have selected to head our herds, the best bulls we could find and the AYER family—GLENCAIRN 3rd—MOONSTONE—HOWIE'S DAIRY KING—FINLAYSTON—NETHERHALL MASTER—DENTY 9th—RENA ROSS—and many other famous cows and bulls are represented in these herds.

If you want the foundation stock for a choice herd of registered Ayrshires, if you want a bull fit to head any herd, if you want a bunch of heifers, if you want a single cow of merit or a car-load, come to GOUVERNEUR.

REMEMBER that there are more members of the Ayrshire Breeders Assn., more herds of Ayrshires, more registered animals to select from, within a little circle here in GOUVERNEUR, than you will find anywhere else, and if you want **size** and **constitution** and **vigor** as well as **beauty** and **utility**, you are quite as apt to find it here on these northern granite rock pastures, as anywhere else in the world.

100 miles north of Syracuse and Utica. Good shipping facilities via American Express and N. Y. C. lines.

Come and see us and see what we have. Visitors always welcome.

Address.

## THE PILOT AYRSHIRE CLUB

GOUVERNEUR

:-:

NEW YORK

# PENSHURST FARM

## NARBERTH, PENNA.

Breeders of Ayrshire Cattle. The LARGE kind of correct type. We combine LARGE production, LARGE size, cows weighing up to 1,500 pounds, LARGE udders of proper shape, LARGE teats easily milked, LARGE net returns at the pail.

Lessnessock Douglas Monarch, 10020, Imp., A. R. No. 63, heads the herd. All his daughters tested have qualified for the Advanced Registry.

We are also using young sons of Auchenbrain White Beauty, 2nd, and Auchenbrain Brown Kate, 4th.

Our herd includes the following record cows, all records made here.

| NAMES                               | AGE   | MILK                               |
|-------------------------------------|-------|------------------------------------|
| McAlisters Betty . . . . .          | 3     | 14208 (World's Champion 3 yr. old) |
| McAlisters Betty, 2nd.....          | 2     | 10100 (Daughter of above.)         |
| Auchenbrains White Beauty, 2nd, 6.. | 13798 | (24,283 lbs. in 2 years.)          |
| Garclaugh Bloomer, 2nd.....         | 11    | 12969                              |
| Primrose . . . . .                  | 9     | 12465 (34,247 lbs. in 3 years.)    |
| Castlemains Nancy, 2nd.....         | 6     | 11767 (20,887 lbs. in 2 years.)    |
| May Mitchell . . . . .              | 10    | 11708 (21,127 lbs. in 2 years.)    |
| Auchenbrain Brown Kate, 4th..       | 7     | 11184                              |
| Auchenbrain Bloomer, 4th.....       | 8     | 11000 (Record not yet completed.)  |
| Speckled Beauty . . . . .           | 4     | 10486                              |
| Wee Jennie of Holehouse.....        | 8     | 10023                              |
| Dewdrop of Springhill.....          | 8     | 10554                              |

All cows must qualify for Advanced Registry to remain here. Good bulls to head herds a specialty.

Herd free from tuberculosis.

Farm located 7 miles west of Philadelphia, on Main Line of Pennsylvania Railroad.

# THE SAND HILL HERD

## of Advanced Registry Ayrshires

Is one of the greatest producing herds in America.

This herd is headed by the great A. R. Sire, Earl's Choice of Spring Hill, 8289, A. R. 19. This bull has 23 daughters in the A. R. with 31 A. R. records. Five of these records are over 12,500 lbs. milk. Eight over 547 lbs. butter.

Earl's Choice is ably assisted by Imp. Netherton St. Andrew, 12570. This bull is getting us some very fine calves. He sired the first prize junior bull calf at the National Dairy Show, 1911. Netherton was selected especially for us by Wm. Hunter, from the great producing herd of Thomas Clement.

Below we give a list of records over 12,000 lbs. milk, that have been made in our own herd, also a list of records over 600 lbs. butter.

|                          | (class)  | (milk)            |
|--------------------------|----------|-------------------|
| Midget of Sand Hill..... | 19487    | mature 14433 lbs. |
| Matie of Sand Hill.....  | 23323    | 3 yr. 13897 lbs.  |
| Mable of Sand Hill.....  | 24719    | 4 yr. 13316 lbs.  |
| Mable of Sand Hill.....  | 24719    | 3 yr. 12857 lbs.  |
| Bernice Clyde .....      | 24176    | 4 yr. 12524 lbs.  |
| Bernice Clyde .....      | 24176    | 3 yr. 12505 lbs.  |
| Jennie of Sand Hill..... | 19490    | mature 12477 lbs. |
| Cora T. .....            | 13772    | mature 12392 lbs. |
| Cora T. 2nd.....         | 18400    | 4 yr. 12230 lbs.  |
| Bessie Clyde .....       | 17287    | mature 12044 lbs. |
|                          | (butter) |                   |
| Hazel of Sand Hill.....  | 24720    | 2 yr. 732 lbs.    |
| Matie of Sand Hill.....  | 23323    | 3 yr. 692 lbs.    |
| Eessie of Sand Hill..... | 20365    | mature 626 lbs.   |
| Jennie of Sand Hill..... | 19490    | mature 624 lbs.   |
| Bernice Clyde .....      | 24176    | 3 yr. 618 lbs..   |
| Midget of Sand Hill..... | 19487    | mature 609 lbs.   |

Midget of Sand Hill is at the head of the 3 year cumulative record list, with a record of 35,548 lbs. milk, 1,304.77 lbs. fat. and 1,523 lbs. butter, an av. % fat of 3.73.

Matie of Sand Hill leads in the 2 year cumulative record with 22,109 lbs. milk, 942.72 lbs. fat, and 11,000 lbs. butter, an av. % of 4.31.

We have a few choice bull calves for sale.

Herd Tuberculin tested. Visitors welcome.

## S. S. KARR & SON

ALLEGANY COUNTY.

ALMOND, N. Y.

# THE UPLANDS

**BRISTOL, NEW HAMPSHIRE.**

Breeders of High Class Registered Ayrshire Cattle, for Beauty and Utility Combined. Herd headed by **Imported Lessnessock Lord Arthur No. 12441**. He has sired the best calves we have ever raised. A limited number of his heifers for sale. Only the best Bull Calves are offered. One Bull Calf, six months old, two-thirds white, a beauty, for sale now.

Herd constantly Tuberculin tested.

Correspondence invited.

**M. L. LOCKWOOD, Manager**

# MAPLESDIDE FARM

## AYRSHIRES

Herd headed by the First Prize bull "**Auchenbrain's Victor Hugo**" 13090.

Young stock of the right type from heavy producing cows always for sale.

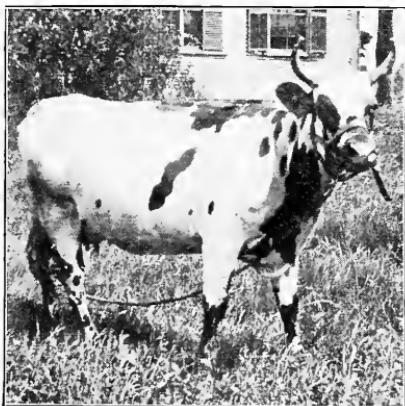
Herd tuberculin tested annually.

## **DUDLEY WELLS, 2nd**

MAPLESDIDE FARM

**WETHERSFIELD, CONN.**

# WOODSIDE FARM AYRSHIRES



## **BUTTERCUP OF HILLCROFT**

8,287 pounds milk, 400 pounds butter as a 3-year old.

Bred for large production at the pail.

Correct type, popular color. Won 13 prizes out of 14 entries at Brockton, Mass., fall 1911.

Herd tuberculin tested. Young stock for sale.

**H. W. PARDEY**

DIGHTON, MASS.

P. O. Segreganset.

Telephone 159-M, Taunton

---

## **Edelweiss Stock Farms**

Have been breeding Ayrshire Cattle since 1872, and have made it a point to buy sires from the best herds in the country.

Young stock always for sale at reasonable prices.

**FRED TSCHUDY & SONS**

MONROE, WIS.

# MAPLE ROW STOCK FARM

## AYRSHIRES

We have 75 head of Ayrshires of all ages and keep none that will not fill the bill in the dairy. Cows of good size, with strong constitutions, shapely udders, and long teats, and quiet dispositions. Visitors welcome.

F. H. COOKINGHAM

CHERRY CREEK, N. Y.

MATTHEW LEGGAT

GILBERT McMILLAN

# SPRINGBURN AYRSHIRES

McMILLAN & LEGGAT, Proprietors.

Bell Tel. Huntingdon 81-2-1.

Telegrams, Huntingdon.

Carr's, G. T. R. R., Huntingdon, N. Y. C. R. R. (Only a night's ride from either New York or Buffalo.)

The oldest herd in Quebec, though under new name and management, still goes on the same. The skill of a life time is at your service when you select from, or through us.

A choice selection of all ages always on hand. Over 1,500 head of registered Ayrshires in immediate vicinity. Write us your wants.

**McMILLAN & LEGGAT**

TROUT RIVER, QUEBEC.

# FOR SALE

Choice Young Bulls  
Any Age

---

**SIRED BY**   **JACK MACDONALD**   **10259**  
 "   "   **PROVOST MARSHAL**   **10369**  
 "   "   **FAIRFIELD CHIEF**   **13046**

WRITE US FOR PRICES AND PARTICULARS

---

Brookside Farm Company      Fort Wayne, Ind.

---

## OLD HOME FARM AYRSHIRES

ESTABLISHED IN 1872

Master's Good Hope No. 14462 from Loantaka Farms heads our herd.  
He is a member of the Netherhall Brownie Family.

**CHARLES M. MARSHALL**

**GOUVERNEUR**      -      -      **NEW YORK**

---

## Wood Lawn Farm Ayrshires

Herd headed by **Imported Lessnessock Arthur**, a very worthy son of Netherton King Arthur, champion bull of Scotland.

**J. A. MARSHALL**

Phone No. 7, F-21.

Gouverneur, N. Y.

# AYRSHIRES

HERD ESTABLISHED IN 1871

All ages, both sexes, bred for practical dairy purposes, size, constitution, disposition, style, length of teat and deep and persistent milkers.

SINGLE ANIMALS OR CAR LOTS

**F. D. & E. STOWELL**

Successors to L. D. Stowell

**Black Creek**

**Allegany County**

**New York**

## HILL VIEW FARM AYRSHIRES

Heavy Producing, Good Testing, Good Teated Cows have been our aim, and we have got these qualities highly developed in the Dairy Maid Strain that we have been breeding 23 years. Moonshine of Barclay, No. 10261, is at present our principal Herd Bull. We give a square deal to all purchasers. Good shipping facilities. Visitors met at Railway or Electric stop 129 on Green Line. Three herds comprise about 80 head.

**A. B. McCONNELL & SONS,**

**Wellington, Ohio**

## HENDERSON AYRSHIRE FARM HUDSON, OHIO

## BULL CALVES FOR SALE

## OAKWOOD FARM AYRSHIRE CATTLE, SHROPSHIRE SHEEP

Bargenock, No. 13746, Imported; Sire, Bargenock Scott Again, No. 8165; Dam, Bargenock Hope, No. 27954, Imp. at head of the herd. The females contain the blood lines of the Glencairn, Barcheskie Auchenbrain and Majestic families.

**C. C. RICHARDS,**

**Oaklandon, Indiana**

# **SARATOGA COUNTY AYRSHIRES**

---

Female descendants of Nonpareil, Carbello, Col. Ayer, Nox 'emall, and Finlayston. Herd bull a son of Good Gift, the great Scotch bull, whose dam is very closely related to Netherhall Brownie 9th.

## **YOUNG STOCK FOR SALE**

---

**F. R. SHERMAN**

**SCHUYLERVILLE**

—:—

**NEW YORK.**

---

## **ELM VALLEY HERD**

---

Established in 1883, now headed by **Statesman of Springhill, 9728**, sire Lessnessock King of Beauty, 9726; dam Dewdrop of Springhill, 18010, A. R. record 10,555. The breeder of Rena Ross, Fern Ayr, Polly Puss, Keepsake and Ithan.

**YOUNG STOCK FOR SALE.**

---

**W. G. TUCKER**

R. D. 1.

**Wellsville, N. Y.**

## **ROCK RIDGE FARM AYRSHIRES**

Torrs Advocate Imp. No. 13865 heads the Herd. His dam, Torrs Cony 2nd No. 17834 gave in 43 weeks 1102 gals. of 3 72% milk. Torrs Advocate was bred by William Lindsay, Torrs, Castle Douglas, Scotland.

### **STOCK FOR SALE**

**GEORGE L. RODGER**

**GOUVERNEUR, NEW YORK**

---

# **Ayrshire Breeders'**

# **Association**

---

Information about the Association and about the Advanced Registry System furnished on application to the Secretary.

Blanks for entering animals for registry furnished free, also all necessary blanks for advanced registry testing are furnished free.

Literature about the Ayrshire Cow furnished free on application to

---

# **C. M. Winslow, Sec.-Treas.**

**BRANDON, VERMONT.**















